

# PROGRAMMABLE DC POWER SUPPLY MODEL 62000P SERIES

Chroma's new 62000P Series of programmable DC power supplies offer many unique advantages for ATE integration and testing. These advantage include a constant power operating envelope, precision readback of output current and voltage, output trigger signals as well as the ability to create complex DC transients waveforms to test device behavior to spikes, drops, and other voltage deviations.Designed for automated testing DC-DC converters and similar products, the 62000P sets a new standard for high accuracy programmable DC supplies.

The 62000P Series includes 12 different models ranging from 600W to 5000W, up to 120A and up to 600V. Due to their constant power operating envelope a single instrument can provide both high voltage/low current AND low voltage/high current thereby reducing the number of supplies needed in typical ATE applications. The 62000P Series also includes 16 bit readback capability for accurate voltage and current readings. This means systems no longer need complex shunt/multiplexers to make accurate readings of the UUT's input parameters. The instruments also include I/O ports providing 8 bit TTLs, DC-ON, fault output signal and remote inhibit as well as a output trigger signal for system timing measurements.

Another unique capability of the 62000P Series supplies is their ability to create complex DC transient waveforms. This capability allows devices to be tested to DC voltage dropouts, spikes and other voltage variations making them an ideal choice for airborne device testing, inverter testing and other devices which will experience voltage interrupts. Applications include DC/ DC Converter & Inverter voltage drop test, engine start-up simulation, battery automated charging, electronic product life cycle test, and etc.



#### **KEY FEATURES**

- Wide range of Voltage & Current Combinations with Constant Power
- Voltage range : 0 ~ 600V
  Current range : 0 ~ 120A
  Power Range : 600W, 1200W, 2400W, 5000W
- Digital Encoder Knobs, Keypad and Function Keys
- Power Factor Correction (0.95)
- High-speed Programming
- Precision V&I Measurements
- Current Sharing for Parallel Operation with Master/Slave Control
- Voltage Ramp Function : Time Range (5ms~99hours)
- Auto Sequencing Programming : 10
- Programs / 100 Sequences / 8 bit TTL
- Voltage & Current Slew Rate Control
- OVP, Current Limit, Thermal Protection
- Remote sense, 5V Line Loss Compensation
  - APG (Analog Programmable Interface) with Isolated Analog Interface Card
- Optional GPIB Control with SCPI
- Optional Ethernet/LXI interface
- Standard RS-232 & USB Interface
- LabView and Labwindows
- CE Certified

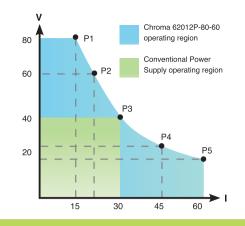


Chroma



### WIDE OPERATING REGION WITH CONSTANT POWER

The 62000P Series supplies offer a wide operating region. For example, the output specification for model 62012P-80-60 is 1200W/80V/60A, it allows operating flexibly in various combinations as shown in the figure at the right. As shown conventional power supplies provide the same rated current at all output voltages, however, the 62000P provides greater current at lower output voltages. This means both low voltage/high current and high voltage/low current UUTs can be tested using a single supply avoiding the for multiple supplies saving cost and space within typical ATE systems.



### MASTER/SLAVE PARALLEL & SERIAL CONTROL

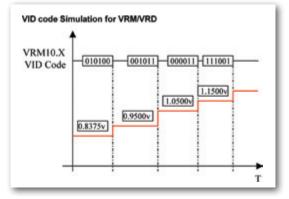
When high power is required, it is common to connect two or more power supplies in parallel or series. The 62000P Series supplies have a smart Master / Slave control mode making series/parallel operation fast and simple. In this mode the master scales values and downloads data to slave units so programming is simple and current sharing automatic.



## PROGRAMMING SEQUENCES APPLICATIONS

The 62000P Series supplies allow for 100 user programmable sequences with time settings ranging from 5ms to 15000s, voltage / current slew rate control and 8 bit TTL output for automated test applications. Applications include DC/DC Converter & Inverter voltage dropout testing, engine start-up simulation, battery automated charging, product life cycle testing and airborne avionics testing.



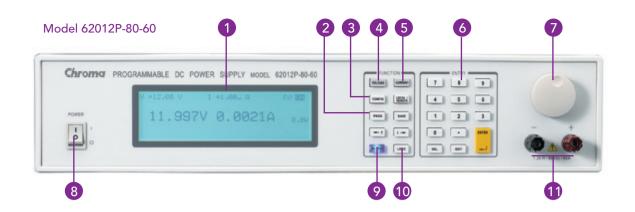


The 62000P Supplies provide 8 output TTL bits with timing control. These control lines can be used for VID control of VRM or to control other discrete signals.



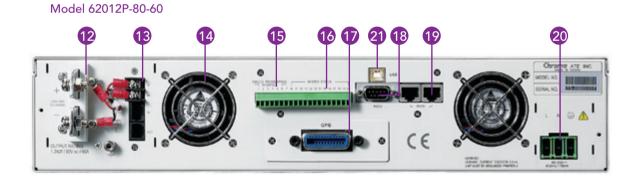
62050P-100-100

# PANEL DESCRIPTION



1. LCD Display	Display setting, readings and operating status		
2. PROG Key	Program the sequence		
3. CONFIG Key	Set the system configuration		
4. VOLTAGE Key	Set the output voltage		
5. CURRENT Key	Set the output current limit		
6. NUMERIC Key	Set the data		
7. ROTARY Key	Adjust the V&I and set the parameter		
8. POWER Switch			
9. OUTPUT Key	Enable or disable the output		
10. LOCK Key	Lock all settings		
11. OUTPUT Terminal	Connect the output cable to a UUT		

Note : 40V, 300V & 600V Model have no output terminal at the front panel.



12. OUTPUT Terminal	Connect the output cable to a UUT
13. Sense Terminal	Connect the UUT for voltage compensation
14. System Fan	
15. Analog programming interface	For analog level to program and monitor output voltage & current
16. System I/O port	Send 8 bit TTL, DC-ON, fault output signal and remote inhibit
	and trigger input signal
17. GPIB Connector(Optional)	GPIB & Ethernet (alternative)
18. RS-232 Connector	
19. RS-485 Connector	For master/slave control
20. AC Input Terminal	
21. USB Connector	

## **ELECTRICAL SPECIFICATIONS -1**

Model      62006P-30-80      62006P-100-25      62006P-300-8      62012P-40-120      62012P-80-60      62012P-100        Output Ratings      Output Voltage      0~30V      0~100V      0~300V      0-40V      0~80V      0~100V        Output Voltage      0~80A      0~25A      0~8A      0-120A      0~60A      0~50A        Output Power      600W      600W      600W      1200W      1200W      1200W        Line Regulation      Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+10m        Voltage      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12mV        Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18mV        Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18mV        Voltage      0.01%+10mA      0.01%+50mV      0.01%+10mA      0.01%+12mV      0.01%+18mV
Output Voltage      0~30V      0~100V      0~300V      0-40V      0~80V      0~100V        Output Current      0~80A      0~25A      0~8A      0-120A      0~60A      0~50A        Output Power      600W      600W      600W      1200W      1200W      1200W        Line Regulation      Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+10mA      0.01%+10r        Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18r        Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18r        Current      0.01%+10mA      0.01%+50mV      0.01%+10mA      0.01%+20mA      0.01%+20mA
Output Current      0~80A      0~25A      0~8A      0-120A      0~60A      0~50A        Output Power      600W      600W      600W      1200W      1200W      1200W        Line Regulation      Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+10r        Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+110rA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12r        Load Regulation      U      U      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18r        Voltage      0.01%+3mV      0.01%+10mV      0.03%+40mA      0.01%+10mA      0.01%+28r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+28r
Output Power      600W      600W      600W      1200W      1200W      1200W        Line Regulation      Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+8mV      0.01%+10r        Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12rV      0.01%+18r        Current      0.01%+10mA      0.01%+50mV      0.01%+10mA      0.01%+12rV      0.01%+18r
Line Regulation        Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+8mV      0.01%+10r        Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+28r
Voltage      0.01%+2mV      0.01%+6mV      0.01%+18mV      0.01%+2mV      0.01%+8mV      0.01%+10r        Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+28r
Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+22mA      0.01%+28r
Current      0.01%+25mA      0.01%+5mA      0.03%+20mA      0.01%+25mA      0.01%+10mA      0.01%+12r        Load Regulation      Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+22mA      0.01%+28r
Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+28r
Voltage      0.01%+3mV      0.01%+10mV      0.01%+50mV      0.01%+3mV      0.01%+12mV      0.01%+18r        Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+28r
Current      0.01%+10mA      0.01%+5mA      0.03%+40mA      0.01%+10mA      0.01%+20mA      0.01%+28mA
Voltage Measurement
Range      6V/30V      20V/100V      60V/300V      8V/40V      16V/80V      20V/100V
Accuracy 0.05% + 0.05% F.S. 0.05\% F.S.
Current Measurement
Range      16A/80A      5A/25A      1.6A/8A      24A / 120A      12A/60A      10A/50A
Output Noise (0 ~ 20MHz)
Voltage Ripple (P-P)      60 mV      85 mV      580 mV      90 mV      100 mV      100 mV
Voltage Ripple (rms)      8 mV      10 mV      80 mV      10 mV      15 mV
Current Ripple (rms)      60 mA      10 mA      60 mA      120 mA      30 mA      20 mA
OVP Adjustment      110% of Vset to      110% of Vset to      110% of Vset to      110% of Vset to
Range      110% of Vmax      100% of Vmax
Slew Rate Range
Voltage      0.001V - 5V/ms      0.001V - 10V/ms      0.01V - 10V/ms      0.001V - 5V/ms      0.001V - 10V/ms
Current      0.001A - 1A/ms
Programming Response Time (Typical)
Rise Time 6 ms 10 ms 30 ms 8 ms 8 ms 10 ms
(Full & No Load)
Fall Time      350ms (max)      300 ms (max)      2.5 s (max)      460 ms (max)      240 ms (max)      300 ms (max)
Efficiency 0.75 0.75 0.75 0.8 0.8 0.8
Drift (8 hours)
Voltage      0.02% of Vmax
Current      0.04% of Imax
Temperature Coefficient
Voltage 0.02% of Vmax/°C 0.02% of Vmax/°
Current 0.04% of Imax/°C 0.04\% of Imax/°C 0.04\% of Imax/°C 0.04\% of Imax/°C 0.04\% of Imax/°
Transient Response 2mC 2mC 2mC 2mC 2mC 2mC
Time      3 mS      3 mS <th< td=""></th<>
10 % step change 150 mV 180 mV 600 mV 150 mV 250 mV 250 mV
Voltage limit @
Vorage mint e      150V      500V      800V      200V      400V      500V        Series Mode      150V      500V      800V      200V      400V      500V
AC Input Operating 10/100/2401/cs + 109/1/ 47/6211-
Voltage Ranges 1Ø 100~240Vac ± 10% V <sub>LN</sub> , 47~63 Hz
Operating      0~40°C      0~40°C      0~40°C      0~40°C      0~40°C      0~40°C        Temperature      0~40°C      0~40°C      0~40°C      0~40°C      0~40°C      0~40°C
Dimension ( H x W x D) 89 x 430 x 425 mm / 3.5 x 16.93 x 16.73 inch
Weight 12kg / 26.43 lbs 12.1 kg / 26.65 lbs 11.2 kg / 24.67 lbs 12kg / 26.43 lbs 13 kg / 28.63 lbs 12.1 kg / 26.65 lbs 14.2 kg / 24.67 lbs 12 kg / 26.43 lbs 13 kg / 28.63 lbs 14.1 kg / 26.65 lbs 14.2 kg / 24.67 lbs 14.2 kg / 26.43 lbs 14.2 kg / 2

All specifications are subject to change without notice. Please visit our website for the most up to date specifications.

# SOFTPANEL



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Transient Voltage Programming

ISO 16750-2 4.5.3 Starting Profile

ISO 16750-2 4.5.1 Momentary Drop In Supply Voltage

## **ELECTRICAL SPECIFICATIONS -2**

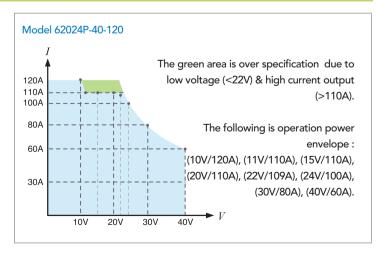
ELECTRICAL SPECIFIC	CATIONS -Z					
Model	62012P-600-8	62024P-40-120	62024P-80-60	62024P-100-50	62024P-600-8	62050P-100-100
Output Ratings						
Output Voltage	0~600V	0-40V	0~80V	0~100V	0-600V	0~100V
Output Current	0~8A	0-120A*1	0~60A	0~50A	0-8A	0~100A
Output Power	1200W	2400W*1	2400W	2400W	2400W	5000W
Line Regulation						
Voltage	0.01%+18mV	0.01%+2mV	0.01%+8mV	0.01%+10mV	0.01%+18mV	0.01%+8mV
Current	0.03%+20mA	0.01%+25mA	0.01%+10mA	0.01%+12mA	0.03%+20mA	0.01%+24mA
Load Regulation						
Voltage	0.01%+50mV	0.01%+3mV	0.01%+12mV	0.01%+18mV	0.01%+50mV	0.01%+12mV
Current	0.03%+40mA	0.01%+10mA	0.01%+20mA	0.01%+28mA	0.03%+40mA	0.01%+56mA
Voltage Measurement						
Range	120V/600V	8V / 40V	16V/80V	20V/100V	120V / 600V	20V/100V
Accuracy	0.05% + 0.05%F.S.	0.05% + 0.05%F.S.	0.05% + 0.05%F.S.	0.05% + 0.05%F.S.		0.05% + 0.05%F.S.
Current Measurement						
Range	1.6A/8A	24A / 120A	12A/60A	10A/50A	1.6A / 8A	20A/100A
Accuracy	0.1% + 0.1%F.S.	0.1% + 0.1%F.S.	0.1% + 0.1%F.S.	0.1% + 0.1%F.S.	0.1% + 0.1%F.S.	0.1% + 0.1%F.S.
Output Noise (0 ~ 20MHz		0.170 + 0.1701.5.	0.170 + 0.1701.3.	0.170 + 0.1701.5.	0.170 + 0.1701.3.	0.170 1 0.1701.0.
Voltage Ripple (P-P)	, 580 mV	90 mV	100 mV	100 mV	780 mV	50 mV
Voltage Ripple (rms)	140 mV	10 mV	10 mV	15 mV	200 mV	15 mV
Current Ripple (rms)	60 mA	120 mA	30 mA	20 mA	120 mA	40 mA
Current Ripple (ms)	110% of Vset	110% of Vset	110% of Vset	110% of Vset	110% of Vset	110% of Vset
OVP Adjustment Range	to 110% of Vmax	to 110% of Vmax	to 110% of Vmax	to 110% of Vmax	to 110% of Vmax	to 110% of Vmax
Slew Rate Range						
Voltage	0.01V - 10V/ms	0.001V - 5V/ms	0.001V - 10V/ms	0.001V - 10V/ms	0.01V - 10V/ms	0.001V - 10V/ms
Current	0.001A - 1A/ms	0.001A - 1A/ms	0.001A - 1A/ms	0.001A - 1A/ms	0.001A - 1A/ms	0.001A - 2A/ms
Programming Response T		0.00TA - TA/IIIS	0.00TA - TA/TIIS	0.00TA - TA/IIIS	0.001A - 1A/115	0.001A - ZA/IIIS
Rise Time (Full & No Load)	60 ms	8 ms	8 ms	10 ms	60 ms	10 ms
Fall Time	5 s (max)	460 ms (max)	240 ms (max)	300 ms (max)	5 s (max)	850 ms (max)
	0.8	0.8	0.85	0.85	0.8	0.85
Efficiency	0.0	0.0	0.05	0.05	0.0	0.05
Drift (8 hours)	0.029/	0.02% of Vmax	0.02% of Vmax	0.02% of Vmax	0.02% of Vmax	0.02% of Vmax
Voltage	0.02% of Vmax		0.02% of Vmax	0.02% of Vmax	0.02% of Vmax	0.02% of Vmax
Current	0.04% of Imax	0.04% of Imax	0.04% of Imax	0.04% of Imax	0.04% of Imax	0.04% of Imax
Temperature Coefficient	0.000/ ()/ // // // //	0.000/ ()/ //C	0.000/ ()/ //C	0.000/ ()/ /°C	0.000/ ()/ //C	0.000/ ()/ /°C
Voltage	0.02% of Vmax/°C	0.02% of Vmax/°C	0.02% of Vmax/°C	0.02% of Vmax/°C	0.02% of Vmax/°C	0.02% of Vmax/°C
Current	0.04% of Imax/°C	0.04% of Imax/°C	0.04% of Imax/°C	0.04% of Imax/°C	0.04% of Imax/°C	0.04% of Imax/°C
Transient Response Time	3mS	3mS	3mS	3mS	3mS	3mS
10 % step change	600 mV	150 mV	250 mV	250 mV	600mV	250 mV
Voltage limit @ Series Mode	800V	200V	400V	500V	800V	500 V
AC Input Operating Voltage Ranges	1Ø 100∼240Vac ± 10% V <sub>LN</sub> , 47~63 Hz	10200~240Vac ± 10% V <sub>LN</sub> , 47~63 Hz ±				3Ø 200~240Vac ± 10% V <sub>⊥L</sub> , or 3Ø 380~400Vac ±10% V <sub>⊥L</sub> , 47~63 Hz
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
Dimension ( H x W x D)		89 x 430 x 425 mm / 3.5 x 16.93 x 16.73 inch      176x428x566 mm / 6.93x16.85x22.28 inch				
Weight	11.2 kg / 24.67lbs	13 kg / 28.63 lbs	12.2 kg / 26.87 lbs	13 kg / 28.63 lbs	13 kg / 28.63 lbs	28 kg / 61.67 lbs
					10 1.97 20100 103	

All specifications are subject to change without notice. Please visit our website for the most up to date specifications.

Note \*1 : The Max. power limit of 2400W is under output 22V~40V , and see the diagram below for operating power envelope.

#### **ORDERING INFORMATION**

62006P-30-80: Programmable DC Power Supply, 30V/80A/600W 62006P-100-25: Programmable DC Power Supply, 100V/25A/600W 62006P-300-8: Programmable DC Power Supply, 300V/8A/600W 62012P-40-120: Programmable DC Power Supply, 40V/120A/1200W 62012P-80-60: Programmable DC Power Supply, 80V/60A/1200W 62012P-100-50: Programmable DC Power Supply, 100V/50A/1200W 62012P-600-8: Programmable DC Power Supply, 600V/8A/1200W 62024P-40-120: Programmable DC Power Supply, 40V/120A/2400W 62024P-80-60: Programmable DC Power Supply, 80V/60A/2400W 62024P-100-50: Programmable DC Power Supply, 100V/50A/2400W 62024P-600-8: Programmable DC Power Supply, 600V/8A/2400W 62050P-100-100: Programmable DC Power Supply, 100V/100A/5000W A620004: GPIB Interface for Model 62000P Series A620006: Rack mounting kit for Model 62000P Series (2U model) A620009: Softpanel for 62000P Series A620015: Rack mounting kit for Model 62050P-100-100 A620023: Ethernet/LXI Interface for Model 62000P Series



Programming &Measurement Resolution      10 mV        Voltage (Front Panel)      10 mA        Corrent (Front Panel)      0.034        Voltage (Remote Interface)      0.032% of Imax        Corrent (Rando Enterface)      0.045% of Imax        Voltage (Remote Interface)      0.045% of Imax        Voltage Programming Interface)      0.445% of Imax        Voltage Programming (Front Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Front Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Front Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Panel Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Panel Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Panel Panel and Remote Interface)      0.7% of Vinax        Voltage Programming (Panel Panel and Remote Interface)      0.7% of Vinax        Current Programming (Panel Panel and Remote Interface)      0.7% of Imax        Voltage Programming Panel and Remote Interface)      0.7% of Imax        Current Programming Panel Panel and Remote Interface)      0.7% of Imax        Voltage Interface      Voltage Interface        Voltage Interface      See Electrical Specification <t< th=""><th>GENERAL SPECIFICATIONS</th><th></th></t<>	GENERAL SPECIFICATIONS					
Vertage (From Pane)10 mVVertage (From Pane)0.003% of VmaxVertage (Remote Interface)0.003% of VmaxCurrent (Remote Interface)0.04% of ImaxCurrent (Remote Interface)0.04% of ImaxCurrent (Remote Interface)0.44% of ImaxVertage (Analog Programming Interface)0.1% of VmaxVertage Programming (Analog Programming Interface)0.2% of VmaxVertage Programming (Analog Programming Interface)0.3% of ImaxCurrent Programming (Analog Programming Interface)0.3% of ImaxCurrent Programming (Analog Programming Interface)0.3% of ImaxRes Times: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)See Electrical SpecificationFill Time: For a programmed 5% to 5% step in output voltage.See Electrical SpecificationFiel Time: For a programmed 5% to 5% step in output voltage.TomsMeasure Voltage, Current (under USB command using femt UU1)See Electrical SpecificationMeasure Voltage, Current (under USB command using Measure)70msAnalog Programming Interface	Programming & Measurement Resolution					
Current Irfenet Panel)10 mAOutage (Remote Interface)0.002% of ImaxCurrent (Analog Programming Interface)0.04% of ImaxValtage (Analog Programming Interface)0.04% of ImaxValtage (Analog Programming Interface)0.1% of VmaxValtage Programming (Fort Panel and Remote Interface)0.1% of VmaxValtage Programming (Fort Panel and Remote Interface)0.2% of ImaxCurrent Programming (Fort Panel and Remote Interface)0.3% of ImaxCurrent Interface0.3% of ImaxCurrent Interface0.3% of ImaxCurrent Interface0.3% of ImaxChrose State Command using Fetch)10msMeasure Voltage, Current (under USB command using Measure)70msAnalog Programming Interface0.10V dc 0.5V dc of F.S.Valtage and Current montor0.10V dcValtage and Current montor0.10V dcValtage of any analog programming signal with respect to chasis potential10mAAnalog Programming Valtage of any analog programming signal with respect to chasis potential10mAValtage New Supply10V dc10W dcAnalog Programming Valtage of any analog programming signal with respect to chasis potential10W dc </td <td></td> <td>10 mV</td>		10 mV				
Voltage (Remote Interface)      0.003% of Vmax        Voltage (Analog Programming Interface)      0.04% of Imax        Voltage Programming Interface)      0.04% of Imax        Voltage Programming Interface)      0.1% of Vmax        Voltage Programming (Analog Programming Interface)      0.1% of Vmax        Voltage Programming (Analog Programming Interface)      0.3% of Imax        Current Programming (Analog Programming Interface)      0.3% of Imax        Current Programming (Analog Programming Interface)      0.3% of Imax        Tergeramming (Analog Programming Interface)      0.3% of Imax        Programming Response Time      Terme        Rise Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fiel Time: For a programmed 5% to 5% step in output voltage.      Toms        Measure Voltage, Current (under USB command using Measure)      70ms        Analog Programming Interface      -        Voltage and Current Programming Interface      -        Voltage and Current Programming Interface)      0        Voltage of any analog programming signal      70vdc        Analog Programming Interface      -        Voltage Interface      -        Output Signal      Tt						
Current (Remote Interface) 0.00% of Imax Output (Analog Programming Interface) 0.04% of Imax Current (Analog Programming Interface) 0.1% of Vmax Votage Programming (Front Panel and Remote Interface) 0.1% of Vmax Votage Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Current Programming (Front Panel and Remote Interface) 0.3% of Imax Programming Decomposition 0.000 (Front Panel And Panel Decomposition) 5ee Electrical Specification Fall Time: For a programmed 9% to 9% sto supply receiver) 10ms Messure Voltage, Current (under USB command using Messure) 70ms Messure Voltage, Current (under USB command using Messure) 70ms Analog Programming Interface Voltage and Current monitor 0-10Vdc or 0-5Vdc of FS. Voltage and Current fountion (UN) Mut negret to chasis potential Auxilary Prover Supply Cutput Voltage Unput Voltage Unput Voltage Unput Voltage Voltage Interface Voltage Inter Source capability The Unput Voltage. Networe of DC Power Supply, Active Low TL Series & Aranita Ipportation motim Master / Save control Voltage Inter & Series Mode Namber of program Namber of program Nander of DC Inveres Supplies allowed						
Voltage (Analog Programming Interface)      0.04% of Imax        Current (Analog Programming Interface)      0.04% of Imax        Voltage Programming (Ancurey      0.2% of Vmax        Voltage Programming (Interface)      0.2% of Vmax        Current Programming (Interface)      0.3% of Imax        Current Programming (Interface)      0.3% of Imax        Current Programming (Interface)      0.3% of Imax        Programming Response Time      Imax        Rise Time: For a programmed 9% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fall Time: For a programmed 9% to 5% step in output voltage.      See Electrical Specification        Voltage Negramming Interface      0ms        Measure Voltage, Current (under USB command using Petch)      10ms        Measure Voltage, Current (under USB command using Measure)      70ms        Analog Programming Interface      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage the output of OC Power Supply: Active						
Current (Analog Programming Interface)      0.0% of Imax        Yoltage Programming (Front Panel and Remote Interface)      0.1% of Ymax        Voltage Programming (Front Panel and Remote Interface)      0.3% of Imax        Current Programming (Front Panel and Remote Interface)      0.3% of Imax        Current Programming (Front Panel and Remote Interface)      0.3% of Imax        Current Programming (Front Panel and Remote Interface)      0.3% of Imax        Current Programming (Front Panel and Remote Interface)      0.3% of Imax        Programming Kanlog Programming Interface      0.3% of Imax        Voltage and Current (under USB command using Petch)      10ms        Measure Voltage, Current (under USB command using Petch)      70ms        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      10Vdc        Auxilary Prover Supply      12Vdc        Voltage Indue Voltage Indue Voltage      10Vdc        Voltage Indue Voltage Indup						
Programming Accuracy      0.1% of Vmax        Voltage Programming (Analog Programming Interface)      0.2% of Vmax        Current Programming (Front Panel and Remote Interface)      0.3% of Imax        Current Programming (Knalog Programming Interface)      0.3% of Imax        Current Programming (Knalog Programming Interface)      0.3% of Imax        Programming Kabong Programming Interface)      0.3% of Imax        Programming Knalog Programming Interface)      0.3% of Imax        Programming Knalog Programming Interface)      0.3% of Imax        Programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Feel Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Voltage Programming Interface      0ms      0ms        Messure Voltage, Current (under USB command using Messure)      0ms      0ms        Nalag and Current Programming Inputs      0-10Vdc or 0-5Vdc of FS.      0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/						
Voltage Programming (Analog Programming Interface)      0.1% of Vmax        Current Programming (Incot Panel and Remote Interface)      0.3% of Imax        Current Programming (Incot Panel and Remote Interface)      0.3% of Imax        Current Programming (Roalog Programming Interface)      0.3% of Imax        Programming Response Time      See Electrical Specification        Rise Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fall Time: For a programmed 5% to 5% step in output voltage.      See Electrical Specification        (The fall time will be affected by the external loading from UUT.)      See Electrical Specification        Voltage Programming (Interface      Toms        Voltage Programming Interface      OnVolc or 0-SVdc of FS.        Voltage Programming Interface      OnVolc or 0-SVdc of FS.        Voltage Programming Interface      ToVdc        Voltage Rond Current Monitor      O-10Vdc or 0-SVd						
Voltage Programming (Analog Programming Interface)0.2% of VmaxCurrent Programming (Analog Programming Interface)0.3% of ImaxCurrent Programming (Analog Programming Interface)0.3% of ImaxProgramming Response TimeImaxRise Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)See Electrical SpecificationFall Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)See Electrical SpecificationFall Time: For a programmed 5% to 5% step in output voltage.See Electrical SpecificationVoltage Current (under USB command using Measure)TomsMeasure Voltage, Current (under USB command using Measure)-10Vdc or 0-5Vdc of F.S.Voltage and Current Programming inputs0-10Vdc or 0-5Vdc of F.S.Voltage and Current Programming unterface-10Vdc or 0-5Vdc of F.S.Voltage and Current Programming unterface-10Vdc or 0-5Vdc of F.S.Voltage and Current programming unterface-10Vdc or 0-5Vdc of F.S.Voltage to chassis potential70vdcAuxiliary Power Supply-10Vdc or 0-5Vdc of F.S.Output Voltage12VdcMaxiliary Power Supply: Active LowTLDecom Output Signal-10Vdc or 0-5Vdc of F.S.Indicate the output fDC Power Supply: Active LowTLDecom Output Signal-10LIndicate the Series ModeSee Electrical SpecificationNumber of DC Power Supplix: Active LowTLSeries & Parallel operation function with Master / Slave controlSee Electrical SpecificationNumber of porgram100Number of sequencing Pro		0.1% of Vmax				
Current Programming IFcont Panel and Remote Interface)      0.3% of Imax        Current Programming Response Time      0.3% of Imax        Rise Time; For a programmed 5% to 95% step in output voltage. (Full & NoLoad)      See Electrical Specification        Rise Time; For a programmed 5% to 95% to 5% step in output voltage.      See Electrical Specification        Chrent Bill Time; For a programmed 5% to 95% to 5% step in output voltage.      See Electrical Specification        Chrent Bill Time; For a programmed 5% to 95% to 5% step in output voltage.      See Electrical Specification        Worts etting (USB send command to DC Power Supply receive)      10ms        Measure Voltage, Current (under USB command using Measure)      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming Inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      10/Vdc        Maximum current source capability      10me        Auxiliary Power Supply      TL        Current Supply <td></td> <td></td>						
Current Programming (Analog Programming Interface)      0.3% of Imax        Programming Response Time      See Electrical Specification        Rise Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fall Time: For a programmed 5% to 5% step in output voltage.      See Electrical Specification        Full Time: For a programmed 5% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Measure Voltage, Current (under USB command using Fetch)      10ms        Measure Voltage, Current (under USB command using Measure)      70ms        Analog Programming Interface      0-10Vdc or 0-5Vdc of F.S.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of F.S.        Voltage and Current inonitor      070dc        Solation: Maximum working voltage of any analog programming signal      70Vdc        Availiary Power Supply      12Vdc        Maximum current source capability      12Vdc        Maximum current source ca						
Programming Response Time      See Electrical Specification        Rise Time: For a programmed 95% to 5% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fill Time: For a programmed 95% to 5% step in output voltage.      See Electrical Specification        (The fail time will be affected by the external loading from UUT.)      See Electrical Specification        Worts step: (USB send command using Fetch)      10ms        Measure Voltage, Current (under USB command using Measure)      70ms        Analog Programming Interface      0-10Vdc or 0-5Vdc of FS.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of FS.        Voltage and Current monitor      10mA        Auxiliary Power Supply      10mA        Maximum current source capability      10mA        Remote Inhibit Function (I/O)      Ittle        Use to disable the output of DC Power Supply: Active Low      TTL        Draid Output Signal      TTL        Indicate the output stup, Active Low      TTL        Sere Electrical Specification      See Electrical Specifi						
Rise Time: For a programmed 95% to 95% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fall Time: For a programmed 95% to 55% step in output voltage. (Full & NoLoad)      See Electrical Specification        Fall Time: For a programmed 95% to 55% step in output voltage. (June 1000)      See Electrical Specification        Fall Time: For a programmed 95% to 55% step in output voltage. (June 1000)      See Electrical Specification        Woltage Carrent (under USB command using Fetch)      10ms        Measure Voltage, Current (under USB command using Measure)      0-10Vdc or 0-5Vdc of F.S.        Voltage and Current Programming inputs      0-10Vdc or 0-5Vdc of F.S.        Voltage and Current monitor      0-10Vdc or 0-5Vdc of F.S.        Isolation: Maximum working voltage of any analog programming signal      voltage        with respect to chasis potential      12Vdc        Maximum current source capability      10mA        Remote Inhibit Function (VO)      Utupt Voltage        Upt Voltage      TL        Reside the output of DC Power Supply: Active Low      TL        Series & Farallel operation function with Master / Slave control      See Electrical Specification        Woltage and Current Porgrammable Function      See Electrical Specification        Number of program      TL      See Electr		0.5% 01 1118				
Fall Time: For a programmed 95% to 5% step in output voltage.      See Electrical Specification        (The fall time will be affected by the external loading from UUT)      10ms        Vout setting (USB send command to DC Power Supply receiver)      10ms        Measure Voltage, Current (under USB command using Fetch)      70ms        Measure Voltage, Current (under USB command using Measure)      70ms        Analog Programming Interface      0~10Vdc or 0~5Vdc of F.S.        Voltage and Current Programming inputs      0~10Vdc or 0~5Vdc of F.S.        Voltage and Current monitor      0~10Vdc or 0~5Vdc of F.S.        Isolation: Maximum working voltage of any analog programming signal with respect to chassis potential      70Vdc        Maximum current source capability      10mA      20Vdc        Maximum current source capability.      10mA      20Vdc        Det output Voltage      TL      20Vdc        Det output Signal      TL      20Vdc        Indicate the output Solation (I/O)      TL      20Vdc        See Electrical Specification      TL      20Vdc        Fault Output Signal      TL      20Vdc        Voltage Electrical Specification      20Vdc      20Vdc        See Electrical Specification      20V		Cap Electrical Capacification				
(The fail time will be affected by the external loading from UUT.)  See Electrical specification    Yout setting (USB send command to DC Power Supply receiver)  10ms    Measure Voltage, Current (under USB command using Measure)  70ms    Measure Voltage, Current (under USB command using Measure)  70ms    Voltage and Current Programming inputs  0~10Vdc or 0~5Vdc of F.S.    Voltage and Current Programming inputs  0~10Vdc or 0~5Vdc of F.S.    Voltage and Current monitor  0~10Vdc or 0~5Vdc of F.S.    Solation: Maximum working voltage of any analog programming signal  70Vdc    with respect to chassis potential  70Vdc    Auxiliary Power Supply  12Vdc    Output Voltage  12Vdc    Maximum current source capability  10mA    Remote Inhibit Function (I/O)  10mA    Use to disable the output of DC Power Supply; Active Low  TL    DC-ON Output Signal  TTL    Indicate the output status, Active High  TTL    Fault Output Signal  TTL    Series & Parallel operation function with Master / Slave control  See Electrical Specification    Number of DC Power Supplies allowed @ master / slave control mode  5    Auto Sequencing Programmable Function  10    Number of sequence  100    TL source capability  7 mA    Auto Sequenci		See Electrical Specification				
Measure Voltage, Current (under USB command using Fetch)10msMeasure Voltage, Current (under USB command using Measure)70msMalog Programming Interface0-10Vdc or 0-5Vdc of F.S.Voltage and Current Programming inputs0-10Vdc or 0-5Vdc of F.S.Voltage and Current monitor0-10Vdc or 0-5Vdc of F.S.Isolation: Maximum working voltage of any analog programming signal with respect to chassis potential70VdcVoltage and Current monitor12VdcOutput Voltage12VdcMaximum current source capability12VdcMaximum current source capabilityTLDC-ON Output SignalTLDC-ON Output SignalTLPC-ON Output SignalTLFault Output SignalTLFault Output SignalTLFault Output SignalTLSeries & Parallel operation function with Master / Slave controlSecVoltage function with Master / Slave controlSecNumber of DC Power Supplies allowed @ master / slave control modeSNumber of DC programmable Function10Number of programmable FunctionSinsNumber of programmable FunctionSinsTL signal out8 bitsTL signal out8 bitsTL signal out0 - full scaleCharge Range0 - full scaleCharge Range0 - full scaleColtage Range0 - full sc	(The fall time will be affected by the external loading from UUT.)	· · · · · · · · · · · · · · · · · · ·				
Measure Voltage, Current (under USB command using Measure)70msAnalor Programming Interface0-10Vdc or 0-SVdc of F.S.Voltage and Current Programming inputs0-10Vdc or 0-SVdc of F.S.Voltage and Current nonitor0-10Vdc or 0-SVdc of F.S.Isolation: Maximum working voltage of any analog programming signal with respect to chassis potential70VdcAuxiliary Power Supply70VdcOutput Voltage12VdcMaximum current source capability10mARemote Inhibit Function (I/O)TtUse to disable the output of DC Power Supply; Active LowTtDC-ON Output SignalTtIndicate the output status, Active HighTtSaltie output SignalTtSeries & Parallel operation function with Master / Slave control modeSee Electrical SpecificationVoltage function group10Number of DC Power Supplies allowed @ master / slave control modeSee Electrical SpecificationNumber of program10Number of program100Number of sequencing Programmable FunctionSintsTtL signal out8 bitsTtL signal out8 bitsTtL signal out0 ~ full scaleTtL signal outSee Elect						
Analog Programming Interface      Voltage and Current Programming inputs    0-10Vdc or 0-5Vdc of F.S.      Voltage and Current Programming viputs    0-10Vdc or 0-5Vdc of F.S.      Voltage Current monitor    0-10Vdc or 0-5Vdc of F.S.      Isolation: Maximum working voltage of any analog programming signal with respect to chassis potential    70Vdc      Auxiliary Power Supply    12Vdc      Output Voltage    12Vdc      Maximum current source capability    10mA      Remote Inhibit Function (I/O)    TTL      Use to disable the output of DC Power Supply; Active Low    TTL      Fault Output Signal    Inflact the output stas, Active High    TTL      Indicate the output stas, Active High    TTL    See Electrical Specification      Saries & Parallel operation function with Master / Slave control    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    5    See Electrical Specification      Number of program    100    100    100      Number of sequence    100    100    100      Tut source capability    7 mA    2 mail voltage    2 mail voltage      Start Voltage Range    0 ~ full scale    100    10 mail voltage    2 mai						
Voltage and Current Programming inputs0-10Vdc or 0-SVdc of F.S.Voltage and Current monitor0-10Vdc or 0-SVdc of F.S.Voltage and Current monitor0-10Vdc or 0-SVdc of F.S.Solation: Maximum working voltage of any analog programming signal with respect to chassis potential70VdcAuxiliary Power Supply0VdcOutput Voltage12VdcMaximum current source capability10mARemote Inhibit Function (I/O)TLUse to disable the output of DC Power Supply; Active LowTLDC-ON Output SignalTLFault Output SignalTLFault Output SignalTLIndicate the output status, Active HighTLSeries & Parallel operation function with Master / Slave controlSee Electrical SpecificationSeries & Parallel operation function with Master / Slave control modeSee Electrical SpecificationNumber of DC Power Supplies allowed @ master / slave control modeSee Electrical SpecificationNumber of program10Number of sequencing Programmable FunctionNonThe signal out8 bitsThe signal out8 bitsThe signal out7 mAStart Voltage Range0 ~ full scaleChild Seale Range (Inhitmmiss.sss)0 ~ full scaleSeale Chrole SupplicationSee Electrical SpecificationStart Voltage Range of currentSee Electrical SpecificationStart Seale Range (Inhitmmiss.sss)0 ~ full scaleCort Seale Range of Chrole SupplicationSee Electrical SpecificationStart Seale Range (Inhitmmiss.sss)		70ms				
Voltage and Current monitor  0~10Vdc or 0~5Vdc of F.S.    Isolation: Maximum working voltage of any analog programming signal with respect to chassis potential  70Vdc    Auxiliary Power Supply  12Vdc    Output Voltage  12Vdc    Maximum current source capability  10mA    Remote Inhibit Function (I/O)  TTL    DC-ON Output Signal  TTL    Policate the output of DC Power Supply; Active Low  TTL    Policate the output status, Active High  TTL    Fault Output Signal  TTL    Fault Output Signal  TTL    Series & Parallel operation function with Master / Slave control  TTL    Series & Parallel operation function with Master / Slave control  See Electrical Specification    Number of DC Power Supplies allowed @ master / slave control mode  5    Auto Sequencing Programmable Function  100    Number of program  100    Number of program  100    TIL source capability  7 mA    Auto Sequencing Programmable Function (Step Mode)  7 mA    Auto Sequencing Programmable Function (Step Mode)  7 mA    Tu source capability  0 ~ full scale    Total Run Time Range (hh:::::::::::::::::::::::::::::::::::						
Isolation: Maximum working voltage of any analog programming signal with respect to chasis potential      70Vdc        Auxillary Power Supply      12Vdc        Output Voltage      12Vdc        Maximum current source capability      10mA        Remote Inhibit Function (I/O)      TL        Use to disable the output of DC Power Supply; Active Low      TL        DC-ON Output Signal      TL        Indicate the output status, Active High      TL        Fault Output Signal      TL        Voltage in function (I/C)      Voltage        Voltage inflied set is fully protection occurred, Active Low      TL        Series & Parallel operation function with Master / Slave control      Voltage Init ''''''''''''''''''''''''''''''''''''		0~10Vdc or 0~5Vdc of F.S.				
with respect to chasis potential  704e    Auxilary Power Supply  Interpret Auxiliary Power Supply    Output Voltage  12Vdc    Maximum current source capability  10mA    Remote Inhibit Function (I/O)  ITL    Use to disable the output of DC Power Supply; Active Low  ITL    DC-ON Output Signal  ITL    Indicate the output status, Active High  ITL    Series & Parallel operation function with Master / Slave control  ITL    Series & Parallel operation function with Master / Slave control  See Electrical Specification    Number of DC Power Supplies allowed @ master / slave control mode  5    Auto Sequencing Programmable Function  10    Number of sequence  100    TIL signal out  8 bits    TIL source capability  7 mA    Auto Sequencing Programmable Function (Step Mode)  5    TIL source capability  7 mA    Auto Sequence Programmable Function (Step Mode)  0 - full scale    Indi cate Range  0 - full scale    Total Run Time Range (Inhi:m::ss.ss)  10ms - 99 hours    Slew Rate Control Function  See Electrical Specification    Voltage Range  0 - full scale    Total Run Time Range (Inhi:m::ss.ss)  10ms - 99 hours    Slew Rate Control Function  See Electrical Specifi		0~10Vdc or 0~5Vdc of F.S.				
with respect to chasis potential    interpret in the set of the set		70Vdc				
Output Voltage12VdcMaximum current source capability10mARemote Inhibit Function (I/O)Use to disable the output of DC Power Supply; Active LowTTLDC-ON Output SignalTTLFault Output SignalTTLFault Output SignalTTLSeries & Parallel operation function with Master / Slave controlSee Electrical SpecificationVoltage limit @ Series ModeSee Electrical SpecificationNumber of DC Power Supplies allowed @ master / slave control mode5Auto Sequencing Programmable Function10Number of program10Number of program10Number of program8 bitsTTL signal out8 bitsTTL source capability7 mAAuto Sequencing Programmable Function (Step Mode)0 ~ full scaleTTL source capability0 ~ full scaleInd Voltage Range0 ~ full scaleInd Voltage RangeSee Electrical SpecificationSlew Rate Control FunctionSee Electrical SpecificationVoltage Shew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)See Electrical SpecificationCurrent slew rate range of currentSee Electrical SpecificationMinimum transition timeSer So msShinage function timeSee Electr		70746				
Maximum current source capability10mARemete Inhibit Function (I/O)Use to disable the output of DC Power Supply; Active LowTLUse to disable the output status, Active HighTLFault Coutput status, Active HighTILFault Output SignalTTLFunction occurred, Active LowTTLSeries & Parallel operation function with Master / Slave controlSee Electrical SpecificationVoltage limit @ Series ModeSee Electrical SpecificationNumber of DC Power Supplies allowed @ master / slave control mode5Auto Sequencing Programmable Function100Number of program10Number of program100Number of sequence5ms ~ 15000STL source capability5ms ~ 15000STL source capability0 ~ full scaleAuto Sequencing Programmable Function5Statt Voltage Range0 ~ full scaleTO State Range0 ~ full scaleTotal Run Time Range (Inhi:m:s.sss)0 ms ~ 99 hoursSlew Rate Control FunctionSee Electrical SpecificationSlew Rate Tange (Inhi Fate will be affected by the discharge rate of the output capacitic specificationSlew rate range of currentSee Electrical SpecificationCurrent slew rate range of currentSee Electrical SpecificationMinimum transition time0.5 msRemote Sense0.5 ms						
Remote Inhibit Function (I/O)      Use to disable the output of DC Power Supply; Active Low    TTL      DC-ON Output Signal    TTL      Indicate the output status, Active High    TTL      Fault Output Signal    TTL      Series & Parallel operation function with Master / Slave control    TTL      Voltage limit @ Series Mode    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    5      Auto Sequencing Programmable Function    10      Number of program    10      Number of sequence    100      TTL signal out    8 bits      TTL source capability    7 mA      Auto Sequencing Programmable Function (Step Mode)    0 - full scale      Total Run Time Range    0 - full scale      TTL source capability    0 - full scale      Total Run Time Range (hh:mm:ss.ss)    10ms - 99 hours      Start Voltage Range    0 - full scale      Total Run Time Range (The fall rate will be affected by the discharge rate of the output capacification      Stew Rate Control Function    See Electrical Specification      Current slew rate range of current    See Electrical Specification      Current slew rate range of current    See Ele	Output Voltage	12Vdc				
Use to disable the output of DC Power Supply; Active Low  TTL    DC-ON Output Signal  TTL    Fault Output Signal  TTL    Fault Output Signal  TTL    Series & Parallel operation function occurred, Active Low  TTL    Series & Parallel operation function with Master / Slave control  See Electrical Specification    Number of DC Power Supplies allowed @ master / slave control mode  See Electrical Specification    Number of programmable Function  10    Number of program  10    Number of sequence  100    TTL signal out  8 bits    TTL signal out  8 bits    Tt Signal out  0 - full scale    Auto Sequencing Programmable Function (Step Mode)  0 - full scale    Start Voltage Range  0 - full scale    Cottage Range  0 - full scale    Start Voltage Range  0 - full scale    Total Run Time Range (Inheimmiss.sss)  10ms - 99 hours    Stew Rate Control Function  See Electrical Specification    Voltage slaw rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)  See Electrical Specification    Current slew rate range of current  See Electrical Specification    Minimum transition time  0.5 ms	Maximum current source capability	10mA				
DC-ON Output Signal    TTL      Fault Output Signal    TTL      Fault Output Signal    TTL      Series & Parallel operation function occurred, Active Low    TTL      Series & Parallel operation function with Master / Slave control    See Electrical Specification      Voltage limit @ Series Mode    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    S      Acto Sequencing Programmable Function    10      Number of program    10      Number of sequence    100      TIL signal out    8 bits      TIL signal out    7 mA      Acto Sequencing Programmable Function (Step Mode)    0 ~ full scale      End Voltage Range    0 ~ full scale      Cotal Chronic Range (hhi:mm:ss.ss)    0 ~ full scale      Stew Race Control Function    See Electrical Specification      Slew Rate Control Function    See Electrical Specification      Current slew rate range of Current    See Electrical Specification      Minimum transition time    0.5 ms						
Indicate the output status, Active High    TTL      Fault Output Signal    TTL      Indicate if there is a fault/protection occurred, Active Low    TTL      Series & Parallel operation function with Master / Slave control    See Electrical Specification      Voltage limit @ Series Mode    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    5      Auto Sequencing Programmable Function    10      Number of program    10      Number of sequence    100      TTL signal out    8 bits      TTL source capability    7 mA      Auto Sequencing Programmable Function (Step Mode)    0 ~ full scale      End Voltage Range    0 ~ full scale      Total voltage Range    0 ~ full scale      Total voltage slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)    See Electrical Specification      Current slew rate range of current    See Electrical Specification    See Electrical Specification      Minimum transition time    0.5 ms    See	Use to disable the output of DC Power Supply; Active Low	TTL				
Fault Output Signal      Indicate if there is a fault/protection occurred, Active Low    TTL      Series & Parallel operation function with Master / Slave control    Indicate if there is a fault/protection occurred, Active Low      Voltage limit @ Series Mode    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    See Electrical Specification      Auto Sequencing Programmable Function    10      Number of program    100      Number of sequence    5ms ~ 15000S      TTL signal out    8 bits      TTL source capability    7 mA      Auto Sequencing Programmable Function (Step Mode)    0 ~ full scale      TTL source capability    0 ~ full scale      Total Quart Time Range (hhi:mm:ss.sss)    10ms ~ 99 hours      See Rate Control Function    See Electrical Specification      Slew Rate Control Function    See Electrical Specification      Slew Rate Control Function    See Electrical Specification      Current slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)    See Electrical Specification      Current slew rate range of current    See Electrical Specification      Minimum transition time    0.5 ms      Remo						
Indicate if there is a fault/protection occurred, Active Low    TTL      Series & Parallel operation function with Master / Slave control    See Electrical Specification      Voltage limit @ Series Mode    See Electrical Specification      Number of DC Power Supplies allowed @ master / slave control mode    See Electrical Specification      Auto Sequencing Programmable Function    10      Number of program    100      Number of sequence    100      Time Range    5ms ~ 15000S      TTL source capability    7 mA      Auto Sequencing Programmable Function (Step Mode)    0 ~ full scale      End Voltage Range    0 ~ full scale      End Voltage Range    0 ~ full scale      Footal Run Time Range (hth:mm:ss.sss)    10ms ~ 99 hours      Slew Rate Control Function    See Electrical Specification      Voltage slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)    See Electrical Specification      Current slew rate range of current    See Electrical Specification      Minimum transition time    0.5 ms	Indicate the output status, Active High	TTL				
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Number of DC Power Supplies allowed @ master / slave control mode    5      Auto Sequencing Programmable Function    10      Number of program    10      Number of sequence    100      Time Range    5ms ~ 15000S      TTL signal out    8 bits      TTL source capability    7 mA      Auto Sequencing Programmable Function (Step Mode)    0 ~ full scale      Start Voltage Range    0 ~ full scale      Total Run Time Range (hhh:mm:ss.sss)    0 % full scale      Total Run Time Range (hhh:mm:ss.sss)    0 % full scale      Slew Rate Control Function    Voltage slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)    See Electrical Specification      Current slew rate range of current    See Electrical Specification      Minimum transition time    0.5 ms	Series & Parallel operation function with Master / Slave control					
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TTL source capability7 mAAuto Sequencing Programmable Function (Step Mode)0 ~ full scaleStart Voltage Range0 ~ full scaleEnd Voltage Range0 ~ full scaleTotal Run Time Range (hhh:mm:ss.sss)10ms ~ 99 hoursSlew Rate Control Function5Voltage slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)See Electrical SpecificationCurrent slew rate range of currentSee Electrical SpecificationMinimum transition time0.5 msRemote Sense						
Auto Sequencing Programmable Function (Step Mode)      Start Voltage Range    0 ~ full scale      End Voltage Range    0 ~ full scale      Total Run Time Range (hhh:mm:ss.sss)    10ms ~ 99 hours      Slew Rate Control Function    see Electrical Specification      Voltage slew rate range (The fall rate will be affected by the discharge rate of the output capacitors especially under no load condition.)    See Electrical Specification      Current slew rate range of current    See Electrical Specification      Minimum transition time    0.5 ms      Remote Sense		7 mA				
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capacitors especially under no load condition.)  See Electrical Specification    Current slew rate range of current  See Electrical Specification    Minimum transition time  0.5 ms    Remote Sense  See Electrical Specification						
Minimum transition time  0.5 ms    Remote Sense	capacitors especially under no load condition.)	· · · · · · · · · · · · · · · · · · ·				
Remote Sense						
		0.5 ms				
Line loss compensation 5V						
	Line loss compensation	5V				

All specifications are subject to change without notice. Please visit our website for the most up to date specifications.

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