

## Regulated DC power supply, the PS-A/PS-AR series



400W type



800W type



1200W type

Model	Output rating	
	Voltage(V)	Current(A)
PS6-6.6A/PS6-6.6AR	0 to 6	0 to 6.6
PS6-13.3A/PS6-13.3AR	0 to 6	0 to 13.3
PS10-40A/PS10-40AR	0 to 10	0 to 40
PS10-80A/PS10-80AR	0 to 10	0 to 80
PS10-120A/PS10-120AR	0 to 10	0 to 120
PS20-20A/PS20-20AR	0 to 20	0 to 20
PS20-40A/PS20-40AR	0 to 20	0 to 40
PS20-60A/PS20-60AR	0 to 20	0 to 60
PS40-10A/PS40-10AR	0 to 40	0 to 10
PS40-20A/PS40-20AR	0 to 40	0 to 20
PS40-30A/PS40-30AR	0 to 40	0 to 30
PS60-6.6A/PS60-6.6AR	0 to 60	0 to 6.6
PS60-13.3A/PS60-13.3AR	0 to 60	0 to 13.3
PS60-20A/PS60-20AR	0 to 60	0 to 20



Interface Option	PS-AR type	PS-A type
External analog control	N/A	Standard
RS-232C control board	Included	IF-70RS
GP-IB control board	IF-70GU	IF-70GJ
USB control board	IF-70GU	IF-70GJ

### Outline

The PS-A/PS-AR series are CV/CC regulated DC power supplies using switching method with power factor improvement circuit (Approx. 0.99) and they can be operated at worldwide voltage from AC100V to 240V without any setting change. The PS-A/PS-AR series provide risk-free operation with various protection functions (OVP, UVP and OCP for primary power circuit, OVP, OCP, OHP and remote sensing open circuit protect for secondary power circuit, and variable OVP, variable UVP and variable OCP for output circuit.)

To use option boards provides digital control function (GP-IB and USB or RS-232C) without any external instruments and they can be fitted in the case of the PS-A power supply by exchanging the board from standard equipped analog control board. PS-AR type includes RS-232C control board instead of analog control board.

Despite of the compact size, the PS-A/PS-AR power supply can outputs large capacity power with high stability. 28 models are available by the combination of three types of rating power (400W, 800W and 1200W) and five types of rating voltage (6V, 10V, 20V, 40V and 60V). The PS-A/PS-AR series have master slave function which controls same units in parallel up to maximum 2400W (up to 800W for 6V type) and in series (for two units) and can cover a wide range of power depending on the customers' needs.

