

Regulated DC Power Supplies

PS-A / PS-AR Series

Switching

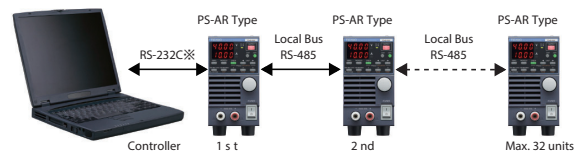


*Standard for PS-AR type

PS6-66A / PS6-66AR	(6V/66A)
PS6-133A / PS6-133AR	(6V/133A)
PS10-40A / PS10-40AR	(10V/40A)
PS10-80A / PS10-80AR	(10V/80A)
PS10-120A / PS10-120AR	(10V/120A)
PS20-20A / PS20-20AR	(20V/20A)
PS20-40A / PS20-40AR	(20V/40A)
PS20-60A / PS20-60AR	(20V/60A)
PS40-10A / PS40-10AR	(40V/10A)
PS40-20A / PS40-20AR	(40V/20A)
PS40-30A / PS40-30AR	(40V/30A)
PS60-6.6A / PS60-6.6AR	(60V/6.6A)
PS60-13.3A / PS60-13.3AR	(60V/13.3A)
PS60-20A / PS60-20AR	(60V/20A)

- Four digits LED display
The high resolution display can indicate output voltage and current and power value. Voltage and current values can be easy to set with "digit key" by selecting a digit to be changed.
- Three points preset memory function
Possible to preset three kinds of voltage and current values inside for easy reading of setting values.
- HI-R Function
This function is useful for not to discharge secondary cell, not to ungold plating and so on.
- Off timer function
Possible to turn off output automatically after a lapse of preset time.
- Controlling transient build-up current function
This function enables to control current at output on and prevents current overshoot.
- Sequence function
Stand-alone sequence operation is possible by loading maximum 1000 steps sequence program from PC into the unit through optional IF-70GU or IF-70RS interface board.
- Master slave operation
This function enable to operate plural same units in parallel up to 2400W (up to 800W for 6V series) and in series for two units.

- External analog control (PS-A type only)
The PS-A series can be controlled by external voltage or resistance for setting voltage and current values and by external contact for turning on/off output and selecting preset memory. PS-AR type dose not accommodate external analog control.
- Optional remote control interface boards
IF-70GU (GP-IB and USB), IF-71RS (RS-232C) and IF-70PS (compatible with PS series) are available.
- RS-232C standard PS-AR type
PS-AR type is included RS-232C control board. PS-AR type can connect max. 32 units and be controlled by PC. Simple and low-cost system can be provided.



* GP-IB or USB connection needs to install IF-70GU into the 1st unit (instead of RS-232C interface board).

	PS-AR Type	PS-A Type
External analog control	N/A	Standard equipment
RS-232C control	IF-70RS is enclosed. *	Option (IF-70RS)
GP-IB control	Option (IF-70GU)	Option (IF-70GU)
USB control	Option (IF-70GU)	Option (IF-70GU)

* IF-70RS enclosed to PS-AR must be installed before using PS-AR.

Specifications

Model	Output rating		Ripple		Line regulation		Load regulation		Power consumption W/VA(approx.)	Dimensions type *	Weight kg (approx.)
	Voltage (V)	Current (A)	CV (mVrms)	CC (mA rms)	CV (mV)	CC (mA)	CV (mV)	CC (mA)			
PS6-66A/PS6-66AR	0 to 6	0 to 66	10	120	8	125	11	125	630	Type I	3.2
PS6-133A/PS6-133AR	0 to 6	0 to 133	10	260	8	245	11	245	1250	Type II	5.3
PS10-40A/PS10-40AR	0 to 10	0 to 40	10	70	10	75	15	75	600	Type III	3.2
PS10-80A/PS10-80AR	0 to 10	0 to 80	10	160	10	150	15	150	1200	Type II	5.3
PS10-120A/PS10-120AR	0 to 10	0 to 120	10	220	10	225	15	225	1800	Type III	7.5
PS20-20A/PS20-20AR	0 to 20	0 to 20	10	40	15	41	25	41	600	Type I	3.2
PS20-40A/PS20-40AR	0 to 20	0 to 40	10	92	15	82	25	82	1200	Type II	5.3
PS20-60A/PS20-60AR	0 to 20	0 to 60	10	120	15	123	25	123	1800	Type III	7.5
PS40-10A/PS40-10AR	0 to 40	0 to 10	10	20	23	25	41	25	600	Type I	3.2
PS40-20A/PS40-20AR	0 to 40	0 to 20	10	60	23	50	41	50	1200	Type II	5.3
PS40-30A/PS40-30AR	0 to 40	0 to 30	15	80	23	75	41	75	1800	Type III	7.5
PS60-6.6A/PS60-6.6AR	0 to 60	0 to 6.6	10	12	35	17	65	17	550	Type I	3.2
PS60-13.3A/PS60-13.3AR	0 to 60	0 to 13.3	15	44	35	34	65	34	1100	Type II	5.3
PS60-20A/PS60-20AR	0 to 60	0 to 20	20	55	35	51	65	51	1650	Type III	7.5

* Dimensions (Max. Dimensions) W×H×D (mm)
Type I : 70 × 124(139.5) × 364(415.5)
Type II : 140 × 124(139.5) × 364(415.5)
Type III : 210 × 124(139.5) × 364(415.5)