

Regulated DC Power Supplies

PS-A / PS-AR Series

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)

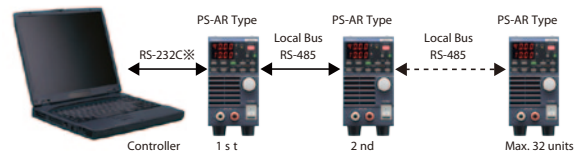
Switching



*Standard for PS-AR type

- **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 (mArms)	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)

Options

IF-70GU	GP-IB/USB Interface card	CB-0603S	Modular cable (0.3m)	OP-23P3	Paralle connection signal cable(2 to 3units)
IF-71RS	RS-232C Interface card	CB-0615S	Modular cable (1.5m)	OP-23P6	Paralle connection signal cable(2 to 6units)
IF-70PS	PS Compatible Analog Control Card	CB-0630S	Modular cable (3m)	OP-23S	Series connection signal cable
HK-11	Handle kit	CB-06100S	Modular cable (10m)		

* IF-70PS is an analog control board which is compatible with previous model, PS series power supply.