

Regulated DC Power Supplies

PU Series

1U Size



Limited sales area:
China, Taiwan, Korea, Hong Kong



PU6-100 (6V/100A)	PU6-200 (6V/200A)
PU8-90 (8V/90A)	PU8-180 (8V/180A)
PU12.5-60 (12.5V/60A)	PU12.5-120 (12.5V/120A)
PU20-38 (20V/38A)	PU20-76 (20V/76A)
PU30-25 (30V/25A)	PU30-50 (30V/50A)
PU40-19 (40V/19A)	PU40-38 (40V/38A)
PU60-12.5 (60V/12.5A)	PU60-25 (60V/25A)
PU80-9.5 (80V/9.5A)	PU80-19 (80V/19A)
PU100-7.5 (100V/7.5A)	PU100-15 (100V/15A)
PU150-5 (150V/5A)	PU150-10 (150V/10A)
PU300-2.5 (300V/2.5A)	PU300-5 (300V/5A)
PU600-1.3 (600V/1.3A)	PU600-2.6 (600V/2.6A)

The PU Series is available in two types (1500W and 750W) in twelve models each (6V to 600V). They provide not only analog controls but also digital controls through digital interface options with built-in CPUs and flexibly applicable to reliability tests, durability tests and aging of electronic parts and burning-in of semiconductors. Front air intake type forced cooling allows to pile up the space merits the built-in harmonic wave current suppression circuit achieves high a power factor as 0.99 for applications in various power conditions.

- 1U (43.6mm) high, 19-inch wide rack size with 1500W and 750W. 6V to 600V ranges (max. output current 200A) in 12 models for each W.
- Front Air Intake design enables to pile up other units or instruments

above and below of the unit.

- Conformity to Harmonics Current Correction Power Supply which achieves high power factor with 0.99/1 ϕ .
- Compliance with CE, UL and RoHS.
- Master-slave parallel operation (max. 4units) / series operation (max. 2 units)
- Analog control for output voltage and current with external voltage/ external resistance.
- Built-in Digital interfaces, RS-232C (max. 31 units controllable)/ RS-485.
- Interface factory options for GP-IB, insulated analog control/monitor board, and analog control board controllable with 4mA to 20mA.

Specifications

Model	Output (Voltage, Current)	Ripple		Line regulation		Load regulation		Input current (at 100V/200V)	Dimensions WxHxD(mm)	Weight kg (approx.)
		CV mVrms	CC mArms	CV mV	CC mA	CV mV	CC mA			
PU6-100	0V-6V, 0A-100A	8	200	3	12	3	25	10.5A/5A	214.0x43.6x437.5	4.5
PU8-90	0V-8V, 0A-90A	8	180	3	11	3	23	10.5A/5A	214.0x43.6x437.5	4.5
PU12.5-60	0V-12.5V, 0A-60A	8	120	4	8	4	17	10.5A/5A	214.0x43.6x437.5	4.5
PU20-38	0V-20V, 0A-38A	8	76	4	6	4	13	10.5A/5A	214.0x43.6x437.5	4.5
PU30-25	0V-30V, 0A-25A	8	63	5	5	5	10	10.5A/5A	214.0x43.6x437.5	4.5
PU40-19	0V-40V, 0A-19A	8	48	6	4	6	9	10.5A/5A	214.0x43.6x437.5	4.5
PU60-12.5	0V-60V, 0A-12.5A	8	38	8	4	8	8	10.5A/5A	214.0x43.6x437.5	4.5
PU80-9.5	0V-80V, 0A-9.5A	8	29	10	3	10	7	10.5A/5A	214.0x43.6x437.5	4.5
PU100-7.5	0V-100V, 0A-7.5A	8	23	12	3	12	7	10.5A/5A	214.0x43.6x437.5	4.5
PU150-5	0V-150V, 0A-5A	10	18	17	3	17	6	10.5A/5A	214.0x43.6x437.5	4.5
PU300-2.5	0V-300V, 0A-2.5A	25	13	32	3	32	6	10.5A/5A	214.0x43.6x437.5	4.5
PU600-1.3	0V-600V, 0A-1.3A	60	8	62	3	62	6	10.5A/5A	214.0x43.6x437.5	4.5
PU6-200	0V-6V, 0A-200A	8	400	3	22	3	45	21A/11A	422.8x43.6x432.8	8.5
PU8-180	0V-8V, 0A-180A	8	360	3	20	3	41	21A/11A	422.8x43.6x432.8	8.5
PU12.5-120	0V-12.5V, 0A-120A	8	240	4	14	4	29	21A/11A	422.8x43.6x432.8	8.5
PU20-76	0V-20V, 0A-76A	8	152	4	10	4	21	21A/11A	422.8x43.6x432.8	8.5
PU30-50	0V-30V, 0A-50A	8	125	5	7	5	15	21A/11A	422.8x43.6x432.8	8.5
PU40-38	0V-40V, 0A-38A	8	95	6	6	6	13	21A/11A	422.8x43.6x432.8	8.5
PU60-25	0V-60V, 0A-25A	8	75	8	5	8	10	21A/11A	422.8x43.6x432.8	8.5
PU80-19	0V-80V, 0A-19A	8	57	10	4	10	9	21A/11A	422.8x43.6x432.8	8.5
PU100-15	0V-100V, 0A-15A	8	45	12	4	12	8	21A/11A	422.8x43.6x432.8	8.5
PU150-10	0V-150V, 0A-10A	10	35	17	3	17	7	21A/11A	422.8x43.6x432.8	8.5
PU300-5	0V-300V, 0A-5A	25	25	32	3	32	6	21A/11A	422.8x43.6x432.8	8.5
PU600-2.6	0V-600V, 0A-2.6A	60	12	62	3	62	6	21A/11A	422.8x43.6x432.8	8.5

Options

Outline	Model
GP-IB unit (factory option)	PU model+VG
Isolated voltage analog unit	PU model+V1
Isolated current analog unit	PU model+V2
RS-232C (DB-9) RJ-45 (8pin) converting cable 2m	CT-080920S1
RS-232C (DB-25) RJ-45 (8pin) converting cable 2m	CT-082520S1
RS-485 (DB-9) RJ-45 (8pin) converting cable 2m	CT-080920S2
Added serial link cable 50cm	CB-0805S
Added serial link cable 3m	CB-0830S
Added serial link cable 5m	CB-0850S
1500W model AC cable	CW-0125N
750W model rack mount adopter	RK-607JEV1

* Input Voltage : AC85V-AC265V (Single phase 47-63Hz)
 * Accessories: 750W model; RS-485 serial link cable, Matching plug (8V-600V model), mounting bench top, D-sub 25pin connector, output terminal cover, AC cable, instruction manual, 1500W model: RS-485 serial link cable, D-sub 25pin connector, output terminal cover, AC cord strain relief, instruction manual (AC cable is not included)