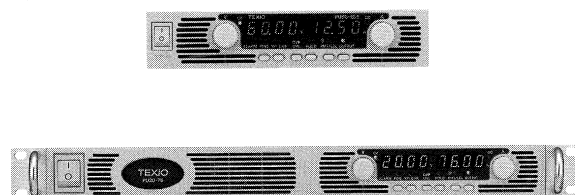


# Regulated DC Power Supplies

## PU Series

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



Limited sales area



The PU Series is available in two types (1500 W and 750 W) in twelve models each (6 V to 600 V). 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 units for system expansion. The 43.6 mm height 1U size offers space merits. The built-in harmonic wave current suppression circuit achieves high a power factor as 0.99 for applications in various power conditions.

- Wide output voltage range from 6V to 600V
- Possible to pile-up the units owing to front-air take system
- RS-232C/RS-485 interface equipped as standard
- Conforms to world commercial input voltages
- Parallel operation
- Conforms to GP-IB interface (factory option)
- 99% power ratio incorporates high efficiency current control circuit
- Analog control possible
- Isolated analog control (factory option)
- Last setting memory
- Encoder knob equipped

### PU Series Specifications

| Model      | Output<br>(Voltage, Current) | Ripple       |              | Line regulation |          | Load regulation |          | Input current<br>(at 100V/200V) | Dimensions<br>(W×H×D) | Weight<br>kg (approx.) |
|------------|------------------------------|--------------|--------------|-----------------|----------|-----------------|----------|---------------------------------|-----------------------|------------------------|
|            |                              | CV<br>mV rms | CC<br>mA rms | CV<br>mV        | CC<br>mA | CV<br>mV        | CC<br>mA |                                 |                       |                        |
| PU6-100    | 0V-6V,0A-100A                | 8            | 200          | 3               | 12       | 3               | 25       | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU8-90     | 0V-8V,0A-90A                 | 8            | 180          | 3               | 11       | 3               | 23       | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU12.5-60  | 0V-12.5V,0A-60A              | 8            | 120          | 4               | 8        | 4               | 17       | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU20-38    | 0V-20V,0A-38A                | 8            | 76           | 4               | 6        | 4               | 13       | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU30-25    | 0V-30V,0A-25A                | 8            | 63           | 5               | 5        | 5               | 10       | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU40-19    | 0V-40V,0A-19A                | 8            | 48           | 6               | 4        | 6               | 9        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU60-12.5  | 0V-60V,0A-12.5A              | 8            | 38           | 8               | 4        | 8               | 8        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU80-9.5   | 0V-80V,0A-9.5A               | 8            | 29           | 10              | 3        | 10              | 7        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU100-7.5  | 0V-100V,0A-7.5A              | 8            | 23           | 12              | 3        | 12              | 7        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU150-5    | 0V-150V,0A-5A                | 10           | 18           | 17              | 3        | 17              | 6        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU300-2.5  | 0V-300V,0A-2.5A              | 25           | 13           | 32              | 3        | 32              | 6        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU600-1.3  | 0V-600V,0A-1.3A              | 60           | 8            | 62              | 3        | 62              | 6        | 10.5A/5A                        | 214.0×43.6×437.5mm    | 4.5                    |
| PU6-200    | 0V-6V,0A-200A                | 8            | 400          | 3               | 22       | 3               | 45       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU8-180    | 0V-8V,0A-180A                | 8            | 360          | 3               | 20       | 3               | 41       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU12.5-120 | 0V-12.5V,0A-120A             | 8            | 240          | 4               | 14       | 4               | 29       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU20-76    | 0V-20V,0A-76A                | 8            | 152          | 4               | 10       | 4               | 21       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU30-50    | 0V-30V,0A-50A                | 8            | 125          | 5               | 7        | 5               | 15       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU40-38    | 0V-40V,0A-38A                | 8            | 95           | 6               | 6        | 6               | 13       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU60-25    | 0V-60V,0A-25A                | 8            | 75           | 8               | 5        | 8               | 10       | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU80-19    | 0V-80V,0A-19A                | 8            | 57           | 10              | 4        | 10              | 9        | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU100-15   | 0V-100V,0A-15A               | 8            | 45           | 12              | 4        | 12              | 8        | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU150-10   | 0V-150V,0A-10A               | 10           | 35           | 17              | 3        | 17              | 7        | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU300-5    | 0V-300V,0A-5A                | 25           | 25           | 32              | 3        | 32              | 6        | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |
| PU600-2.6  | 0V-600V,0A-2.6A              | 60           | 12           | 62              | 3        | 62              | 6        | 21A/11A                         | 422.8×43.6×432.8mm    | 8.5                    |

● 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 code strain relief, instruction manual (AC cable is option)

### 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 |
| RS232C (DB-9) RJ-45 (8pin) converting cable 2m  | CT-080920S1 |
| RS232C (DB-25) RJ-45 (8pin) converting cable 2m | CT-082520S1 |
| RS485 (DB-9) RJ-45 (8pin) converting cable 2m   | CT-080920S2 |
| Added serial link cable 50cm                    | CB-0805S    |
| Added serial link cable 2m                      | CB-0820S    |
| Added serial link cable 5m                      | CB-0850S    |
| 1500W model AC cable                            | CW-0125N    |
| 750W model rack mount adopter                   | RK-607JEV1  |