

## GPR-U Specifications

The specifications apply when the GPR-U is powered on for at least 30 minutes under +20°C~+30°C.

| DC OUTPUT                  |                                                                                                                                                                          |                 |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                            | Output Volts (V)                                                                                                                                                         | Output Amps (A) |
| GPR-1850HD                 | 0 ~ 18                                                                                                                                                                   | 0 ~ 50          |
| GPR-3520HD                 | 0 ~ 35                                                                                                                                                                   | 0 ~ 20          |
| GPR-6015HD                 | 0 ~ 60                                                                                                                                                                   | 0 ~ 15          |
| GPR-7510HD                 | 0 ~ 75                                                                                                                                                                   | 0 ~ 10          |
| GPR-16H50D                 | 0 ~ 160                                                                                                                                                                  | 0 ~ 5           |
| GPR-25H30D                 | 0 ~ 250                                                                                                                                                                  | 0 ~ 3           |
| GPR-35H20D                 | 0 ~ 350                                                                                                                                                                  | 0 ~ 2           |
| GPR-50H15D                 | 0 ~ 500                                                                                                                                                                  | 0 ~ 1.5         |
| GPR-60H15D                 | 0 ~ 600                                                                                                                                                                  | 0 ~ 1.5         |
| GPR-100H05D                | 0 ~ 1000                                                                                                                                                                 | 0 ~ 0.5         |
| CONSTANT VOLTAGE OPERATION |                                                                                                                                                                          |                 |
| Regulation                 | Line regulation $\leq 0.01\% + 3\text{mV}$<br>Load regulation $\leq 0.01\% + 5\text{mV}$ (<10A)<br>Load regulation $\leq 0.02\% + 5\text{mV}$ ( $\geq 10\text{A}$ )      |                 |
| Ripple & Noise             | $\leq 2\text{mVrms}$ (5Hz ~ 1MHz)                                                                                                                                        |                 |
| Recovery Time              | $\leq 100\mu\text{S}$ ( 50% Load change, Minimum load 0.5A )                                                                                                             |                 |
| Output range               | 0 to rating voltage continuously adjustable                                                                                                                              |                 |
| CONSTANT CURRENT OPERATION |                                                                                                                                                                          |                 |
| Regulation                 | Line regulation $\leq 0.2\% + 3\text{mA}$<br>Load regulation $\leq 0.2\% + 3\text{mA}$                                                                                   |                 |
| Ripple Current             | $\leq 5\text{mA}_{\text{rms}}$ ( $\leq 20\text{A}$ )<br>$\leq 20\text{mA}_{\text{rms}}$ ( $\leq 50\text{A}$ )<br>$\leq 100\text{mA}_{\text{rms}}$ ( $\leq 100\text{A}$ ) |                 |
| Output Range               | 0 to rating current continuously adjustable                                                                                                                              |                 |
| METER                      |                                                                                                                                                                          |                 |
| Type                       | 3 1/2 Digits 0.5" LED Display                                                                                                                                            |                 |
| Accuracy                   | $\pm$ ( 0.5% of rdg + 2 digits )                                                                                                                                         |                 |
| INSULATION                 |                                                                                                                                                                          |                 |
| Chassis and Terminal       | 100M $\Omega$ or above (DC 1000V)                                                                                                                                        |                 |
| Chassis and AC Cord        | 100M $\Omega$ or above (DC 1000V)                                                                                                                                        |                 |
| POWER SOURCE               |                                                                                                                                                                          |                 |
|                            | AC120V $\pm 10\%$ , 50/60Hz<br>( AC 220V or 240V order made)                                                                                                             |                 |
| ACCESSORIES                |                                                                                                                                                                          |                 |
|                            | User manual x 1<br>Test lead GTL-105 x 1 ( $\leq 3\text{A}$ ), or<br>GTL-104 x 1 ( $\leq 10\text{A}$ ), or<br>Not available (>10A or 600V)                               |                 |
| DIMENSIONS & WEIGHT        |                                                                                                                                                                          |                 |
|                            | 430(W) x 178(H) x 572(D)mm<br>Approx. 29.5kg                                                                                                                             |                 |