

2002-06-10

ELFA

PRODUKTINFORMATION

Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande

ELFA artikelnr

69-852-04 Lab agg GPS3030

69-852-38 Lab agg GPS3030DD

D.C. Power Supply



GPS-SERIES
(ANALOG TYPE)

GPS-SERIES
(DIGITAL TYPE)

GPS-3030DD
(DIGITAL TYPE)

- * Light and Compact Design
- * 0.01% High Regulation
- * Constant Voltage and Constant Current Operation
- * Series or Parallel Operation Function

- * Remote Control by External Voltage
- * Internal Select for Continuous or Dynamic Load
- * Low Ripple and Noise
- * Overload and Reverse Polarity protection

SPECIFICATIONS

| | | |
|----------------------------|--|---|
| CONSTANT VOLTAGE OPERATION | Regulation | Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.01\% + 5\text{mV}$ (rating current $> 3\text{A}$) |
| | Ripple & Noise | $\leq 0.5\text{mVrms}$ 5Hz ~ 1MHz (rating current $\leq 3\text{A}$) $\leq 1\text{mVrms}$ 5Hz ~ 1MHz (rating current $> 3\text{A}$) |
| | Recovery Time Temp. Coefficient Output Range | $\leq 100 \text{ S}$ (50% Load change, Minimum load 0.5A) $\leq 300 \text{ ppm}/^\circ\text{C}$ 0 to rating voltage continuously adjustable |
| CONSTANT CURRENT OPERATION | Regulation | Line regulation $\leq 0.2\% + 3\text{mA}$ Load regulation $\leq 0.2\% + 3\text{mA}$ |
| | Ripple Current Output Range | $\leq 3\text{mA rms}$ 0 to rating current continuously adjustable (Hi / Lo range switchable) |
| METER | Analog | V-meter and I-meter each one 2.5 class |
| | Digital | Dimensions 50 x 50 mm 3 1/2 digits 0.5" LED display 3 1/2 digits 0.39" LED display (for GPS-3030DD) Accuracy $\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$ |
| INSULATION | Chassis and Terminal Chassis and AC Cord | 20M or above (DC 500V) 30M or above (DC 500V) |
| POWER SOURCE | | AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz |
| ACCESSORIES | | Power cord x 1, Instruction manual x 1 Test lead GTL-105 x 1 ($\leq 3\text{A}$) or GTL-104 x 1 ($\leq 10\text{A}$) |
| DIMENSIONS | | 128(W) x 145(H) x 285(D) mm |

| | Model | Output Volts(V) | Output Amps(A) | Weight (kg) |
|---------|------------|-----------------|----------------|-------------|
| Analog | GPS-1830 | 0 ~ 18 | 0 ~ 3 | 4 |
| | GPS-1850 | 0 ~ 18 | 0 ~ 5 | 5.5 |
| | GPS-3030 | 0 ~ 30 | 0 ~ 3 | 5 |
| | GPS-6010 | 0 ~ 60 | 0 ~ 1 | 4 |
| Digital | GPS-1830D | 0 ~ 18 | 0 ~ 3 | 4 |
| | GPS-1850D | 0 ~ 18 | 0 ~ 5 | 5 |
| | GPS-3030D | 0 ~ 30 | 0 ~ 3 | 5 |
| | GPS-3030DD | 0 ~ 30 | 0 ~ 3 | 5 |