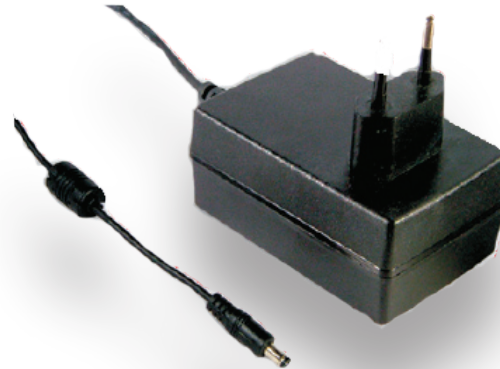


- 25 Watts
- Wall-Mount Power Supply
- 3.11 x 2.13 x 1.30"

## Features:

- Universal AC input / Full range
- No load power consumption < 0.5W
- Pass energy star(CEC) level IV regulation
- 2 pole EURO plug
- Class II power (without earth pin)
- Full output 5-48V safety approval
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: TUV / CB / FCC / CE
- Pass LPS for 9-48V output
- 1 year warranty

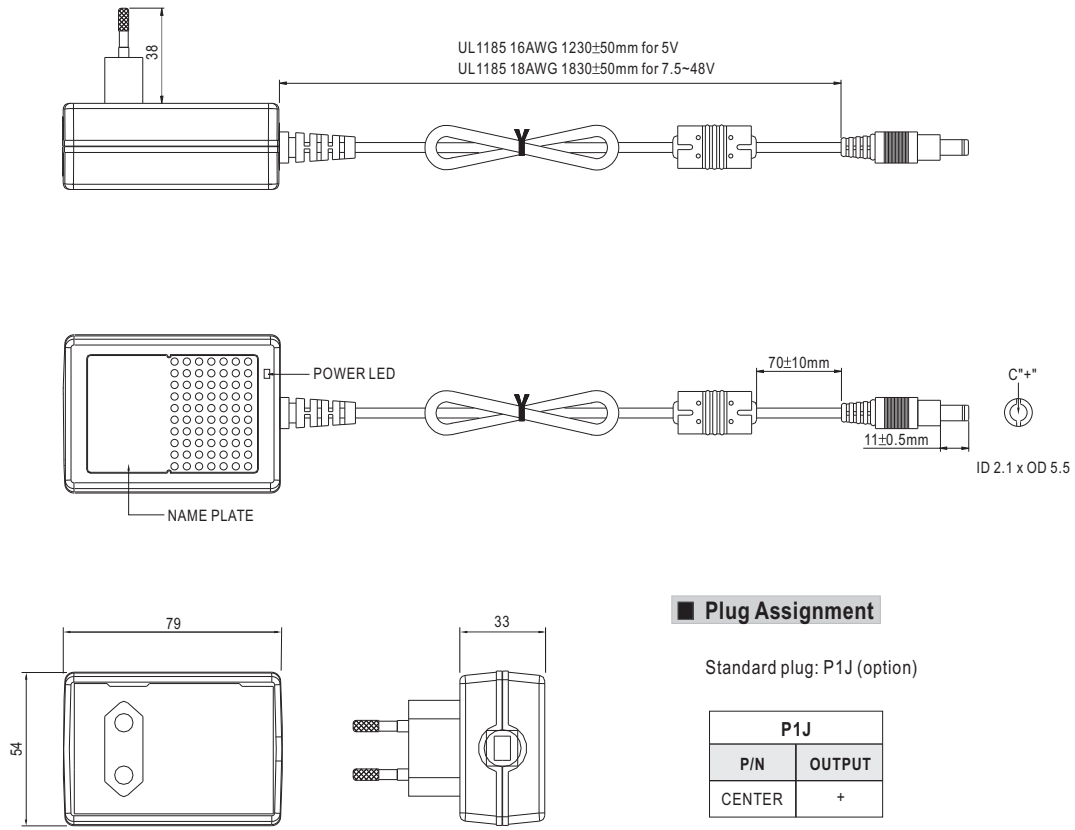


| ORDER NO.                             |  | GS25E05-P1J   | GS25E07-P1J | GS25E09-P1J  | GS25E12-P1J | GS25E15-P1J | GS25E18-P1J | GS25E24-P1J | GS25E28-P1J | GS25E48-P1J |  |
|---------------------------------------|--|---|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| OUTPUT                                | SAFETY MODEL NO.   | GS25E05   | GS25E07     | GS25E09      | GS25E12     | GS25E15     | GS25E18     | GS25E24     | GS25E28     | GS25E48     |  |
|                                       | DC VOLTAGE <small>Note.2</small>   | 5V  | 7.5V        | 9V           | 12V         | 15V         | 18V         | 24V         | 28V         | 48V         |  |
|                                       | RATED CURRENT  | 4.0A  | 2.93A       | 2.77A        | 2.08A       | 1.66A       | 1.38A       | 1.04A       | 0.89A       | 0.52A       |  |
|                                       | CURRENT RANGE  | 0 ~ 4.0A  | 0 ~ 2.93A   | 0 ~ 2.77A    | 0 ~ 2.08A   | 0 ~ 1.66A   | 0 ~ 1.38A   | 0 ~ 1.04A   | 0 ~ 0.89A   | 0 ~ 0.52A   |  |
|                                       | RATED POWER (max.)   | 20W   | 22W         | 25W          | 25W         | 25W         | 25W         | 25W         | 25W         | 25W         |  |
|                                       | RIPPLE & NOISE (max.) <small>Note.3</small>  | 50mVp-p   | 80mVp-p     | 80mVp-p      | 80mVp-p     | 100mVp-p    | 150mVp-p    | 180mVp-p    | 240mVp-p    | 240mVp-p    |  |
|                                       | VOLTAGE TOLERANCE <small>Note.4</small>  | ±5.0%   | ±5.0%       | ±5.0%        | ±3.0%       | ±3.0%       | ±3.0%       | ±2.0%       | ±2.0%       | ±2.0%       |  |
|                                       | LINE REGULATION <small>Note.5</small>  | ±1.0%   | ±1.0%       | ±1.0%        | ±1.0%       | ±1.0%       | ±1.0%       | ±1.0%       | ±1.0%       | ±1.0%       |  |
|                                       | LOAD REGULATION <small>Note.6</small>  | ±5.0%   | ±5.0%       | ±5.0%        | ±3.0%       | ±3.0%       | ±3.0%       | ±2.0%       | ±2.0%       | ±2.0%       |  |
|                                       | SETUP, RISE, HOLD UP TIME  | 500ms, 20ms, 50ms/230VAC      500ms, 20ms, 15ms/115VAC at full load   |             |              |             |             |             |             |             |             |  |
| INPUT                                 | VOLTAGE RANGE  | 90 ~ 264VAC   |             | 135 ~ 370VDC |             |             |             |             |             |             |  |
|                                       | FREQUENCY RANGE  | 47 ~ 63Hz   |             |              |             |             |             |             |             |             |  |
|                                       | EFFICIENCY (Typ.)  | 74%   | 78%         | 79%          | 81%         | 82%         | 82%         | 83%         | 83%         | 84%         |  |
|                                       | AC CURRENT   | 0.7A / 100VAC   |             |              |             |             |             |             |             |             |  |
|                                       | INRUSH CURRENT (max.)  | 45A / 230VAC  |             |              |             |             |             |             |             |             |  |
|                                       | LEAKAGE CURRENT(max.)  | 0.25mA / 240VAC   |             |              |             |             |             |             |             |             |  |
| PROTECTION                            | OVERLOAD   | 110 ~ 150% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed         |             |              |             |             |             |             |             |             |  |
|                                       | OVER VOLTAGE   | 105 ~ 135% rated output voltage<br>Protection type : Clamp by zener diode   |             |              |             |             |             |             |             |             |  |
|                                       | WORKING TEMP.  | 0 ~ +50°C (Refer to output load derating curve)   |             |              |             |             |             |             |             |             |  |
| ENVIRONMENT                           | WORKING HUMIDITY   | 20% ~ 90% RH non-condensing   |             |              |             |             |             |             |             |             |  |
|                                       | STORAGE TEMP., HUMIDITY  | -20 ~ +85°C, 10 ~ 95% RH  |             |              |             |             |             |             |             |             |  |
|                                       | TEMP. COEFFICIENT  | ±0.03% / °C (0 ~ 50°C)  |             |              |             |             |             |             |             |             |  |
|                                       | VIBRATION  | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes   |             |              |             |             |             |             |             |             |  |
|                                       | SAFETY STANDARDS   | TUV EN60950-1 Approved  |             |              |             |             |             |             |             |             |  |
| SAFETY & EMC <small>(Note. 7)</small> | WITHSTAND VOLTAGE  | I/P-O/P: 4242VDC  |             |              |             |             |             |             |             |             |  |
|                                       | ISOLATION RESISTANCE   | I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH   |             |              |             |             |             |             |             |             |  |
|                                       | EMI CONDUCTION & RADIATION   | Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B  |             |              |             |             |             |             |             |             |  |
|                                       | HARMONIC CURRENT   | Compliance to EN61000-3-2,3   |             |              |             |             |             |             |             |             |  |
|                                       | EMS IMMUNITY   | Compliance to EN61000-4-2,3,4,5,6,8,11, Light industry level, criteria A  |             |              |             |             |             |             |             |             |  |
| OTHERS                                | MTBF   | 500Khrs min. MIL-HDBK-217F(25°C)  |             |              |             |             |             |             |             |             |  |
|                                       | DIMENSION  | 79*54*33mm (L*W*H)  |             |              |             |             |             |             |             |             |  |
|                                       | PACKING  | 210g ; 60pcs / 13.5kg / CARTON  |             |              |             |             |             |             |             |             |  |
| CONNECTOR                             | PLUG   | Standard type P1J: 2.1φ * 5.5φ * 11mm, tuning fork type, center positive for stock ; Other type available by customer requested |             |              |             |             |             |             |             |             |  |
|                                       | CABLE  | Standard type UL1185 6ft (4FT only for 5V output) for stock ; Other type available by customer requested                        |             |              |             |             |             |             |             |             |  |
| NOTE                                  | 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.<br>2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.<br>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.<br>4.Tolerance: includes set up tolerance, line regulation, load regulation.<br>5.Line regulation is measured from low line to high line at rated load.<br>6.Load regulation is measured from 20% to 100% rated load<br>7.The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. |   |             |              |             |             |             |             |             |             |  |

- 25 Watts
- Wall-Mount Power Supply
- 3.11 x 2.13 x 1.30"

### Mechanical Specification

Unit:mm

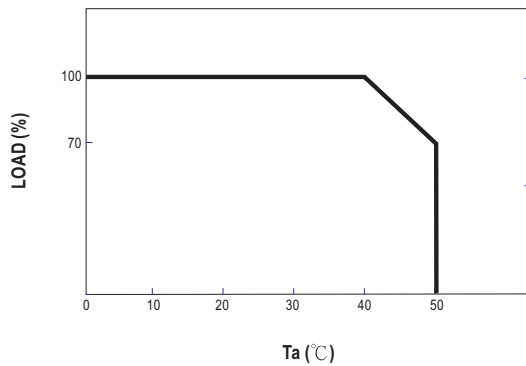


### Plug Assignment

Standard plug: P1J (option)

| P1J    |        |
|--------|--------|
| P/N    | OUTPUT |
| CENTER | +      |

### Derating Curve



### Static Characteristics

