



(as available on http://www.meanwell.com)

Features:

- Universal AC input / Full range
- No load power consumption<0.3W
- Energy efficiency Level V
- Comply with EISA 2007, NRCan, AU/NZ MEPS and EU ErP
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- · Fully enclosed plastic case
- · LED indicator for power on
- · 2 years warranty

SPECIFICATION













ORDER NO. GS25A07-P1J GS25A09-P1J GS25A12-P1J GS25A15-P1J GS25A18-P1J GS25A24-P1J GS25A28-P1J GS25A28-P1J GS25A05-P1J SAFETY MODEL NO. GS25A05 GS25A07 GS25A09 GS25A12 GS25A15 GS25A18 GS25A24 GS25A28 GS25A48 DC VOLTAGE Note.2 5V 7.5V 9\/ 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 OUTPUT 80mVp-p 80mVp-p RIPPLE & NOISE (max.) Note.3 50mVp-p 80mVp-p 100mVp-p 150mVp-p 180mVp-p 240mVp-p 240mVp-p ±5.0% **VOLTAGE TOLERANCE Note.4** +5.0% ±5.0% +3.0% +3.0% +3.0% ±2.0% +2 0% ±2.0% LINE REGULATION +1.0% +1 0% ±1.0% +1 0% +1 0% ±1.0% ±1.0% ±1.0% +1 0% Note.5 LOAD REGULATION Note 6 +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 **VOLTAGE RANGE** 90 ~ 264VAC 135 ~ 370VDC **FREQUENCY RANGE** 47 ~ 63Hz 81.5% 84.5% 84.5% 84.5% 85.5% 85.5% 87% **EFFICIENCY (Typ.)** 78.5% 82.5% INPUT AC CURRENT 0 7A / 100VAC **INRUSH CURRENT (max.)** 45A / 230VAC LEAKAGE CURRENT(max.) 0.75mA / 240VAC 110 ~ 150% rated output power OVERI OAD Protection type: Hiccup mode, recovers automatically after fault condition is removed PROTECTION 105 ~ 135% rated output voltage OVER VOLTAGE Protection type: Clamp by zener diode WORKING TEMP. 0 ~ +50°C (Refer to "Derating Curve") 20% ~ 90% RH non-condensing WORKING HUMIDITY STORAGE TEMP., HUMIDITY -20 ~ +85°C, 10 ~ 95% RH ENVIRONMENT TEMP. COEFFICIENT ±0.03% / °C (0~40°C) **VIBRATION** 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes UL60950-1, CSA C22.2, TUV EN60950-1, CCC GB4943, PSE J60950-1(5~28V only), EAC TP TC 004 approved SAFETY STANDARDS WITHSTAND VOLTAGE I/P-O/P:4242VDC, I/P-FG:2121VDC SAFFTY & ISOLATION RESISTANCE I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH **FMC** (Note. 7) Compliance to EN55032 class B, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, GB9254, GB17625.1, EAC TP TC 020 **EMC EMISSION EMC IMMUNITY** Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A, EAC TP TC 020 **MTBF** 500Khrs min. MIL-HDBK-217F(25°C) DIMENSION 93*54*36mm (L*W*H) **OTHERS** 230g; 60pcs / 15kg / CARTON **PACKING PLUG** See page 2; Other type available by customer requested CONNECTOR **CABLE** See page 2; Other type available by customer requested 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. NOTE 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 6.Load regulation is measured from 20% to 100% rated load. 7. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."





