



Features:

- Universal AC input / Full range
- No load power consumption<0.3W
- ErP step2 compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: UL / CUL / TUV / BSMI / CB / FCC / CE
- Pass LPS
- 2 years warranty

CB F© CE

SAFETY MODEL NO. GS25A05 GS25A07 GS25A09 GS25A12 GS25A15 GS25A18 GS25A24 GS25A28 GS25A	SPECIFIC	ATION									
DC VOLTAGE Note 2 SV 7.5 V 9V 12V 15V 16V 24V 28V 48V RATEO CURRENT 4.0A 2.93A 2.77A 2.08A 1.68A 1.13A 1.04A 0.88A 0.54A RATEO CURRENT A.0A 02.93A 02.77A 02.08A 016.8A 013.8A 1.04A 0.88A 0.54A RATEO POWER (max.) 20W 22W 25W	ORDER NO.		GS25A05-P1J	GS25A07-P1J	GS25A09-P1J	GS25A12-P1J	GS25A15-P1J	GS25A18-P1J	GS25A24-P1J	GS25A28-P1J	GS25A48-P1J
NATED CURRENT 4.0A 2.93A 2.77A 2.08A 1.66A 1.38A 1.04A 0.89A 0.52Z	ОИТРИТ	SAFETY MODEL NO.	GS25A05	GS25A07	GS25A09	GS25A12	GS25A15	GS25A18	GS25A24	GS25A28	GS25A48
OURRENT RANGE		DC VOLTAGE Note.2	5V	7.5V	9V	12V	15V	18V	24V	28V	48V
Name		RATED CURRENT	4.0A	2.93A	2.77A	2.08A	1.66A	1.38A	1.04A	0.89A	0.52A
RIPPLE & NOISE (max.) Note.3 50mVp-p 80mVp-p 80mVp-p 80mVp-p 100mVp-p 150mVp-p 180mVp-p 240mVp-p 240mVp-p 100mVp-p 150mVp-p 180mVp-p 240mVp-p 240m		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
RIPPLE & NOISE (max.) Nota.3, 50mVp-p 80mVp-p 80mVp-p 10mVp-p 150mVp-p 150mVp-p 240mVp-p 240		RATED POWER (max.)	20W	22W	25W	25W	25W	25W	25W	25W	25W
LINE REGULATION Note 11.0% 11.		RIPPLE & NOISE (max.) Note.3	50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p
LOAD REGULATION Note 15.0% 15.0% 15.0% 13.0% 13.0% 13.0% 12.		VOLTAGE TOLERANCE Note.4	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
SETUP, RISE, HOLD UP TIME		LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
NOLTAGE RANGE		LOAD REGULATION Note.6	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
FREQUENCY RANGE		SETUP, RISE, HOLD UP TIME	500ms, 20ms,	50ms/230VAC	500ms,	20ms, 15ms/11	5VAC at full lo	ad			
INPUT AC CURRENT 0.7A 100VAC		VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC								
AC CURRENT 0.7A / 100VAC INRUSH CURRENT (max.) 0.75mA / 240VAC 10 ~ 150% rated output power 10 ~ 150% rated output power 10 ~ 150% rated output voltage 105 ~ 135% rated output voltage 105 ~ 13	INPUT	FREQUENCY RANGE	47 ~ 63Hz								
AC CURRENT 0.7A / 100/AC INRUSH CURRENT (max.) 45A / 230VAC LEAKAGE CURRENT(max.) 0.75mA / 240VAC DVERLOAD 110 - 150% rated output power		EFFICIENCY (Typ.)	78.5%	81.5%	82.5%	84.5%	84.5%	84.5%	85.5%	85.5%	87%
LEAKAGE CURRENT(max.) 0.75mA / 240VAC 110 - 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed 110 - 150% rated output voltage Protection type : Hiccup mode, recovers automatically after fault condition is removed 105 - 135% rated output voltage Protection type : Clamp by zener diode Protection type : Clamp by zener diode Protection type : Demp by zener diode		AC CURRENT	0.7A / 100VA	2							
NOTEC NOTEC NOTE		INRUSH CURRENT (max.)	45A / 230VAC								
PROTECTION OVER VOLTAGE OVER		LEAKAGE CURRENT(max.)	0.75mA / 240	VAC							
PROTECTION OVER VOLTAGE OVER VOLTAGE OVER VOLTAGE OVER VOLTAGE OVER VOLTAGE OVER VOLTAGE Protection type: Clamp by zener diode Over Voltage (Stamp by zener diode) Over Voltage (Stamp by z		OVERLOAD	110 ~ 150% r	ated output po	wer						
OVER VOLTAGE	DDOTECTION	UVERLUAD									
Protection type: Clamp by zener diode	PROTECTION	OVER VOLTA OF									
WORKING HUMIDITY 20% ~ 90% RH non-condensing		OVER VOLIAGE	Protection type : Clamp by zener diode								
ENVIRONMENT TEMP. COEFFICIENT	ENVIRONMENT	WORKING TEMP.	0 ~ +50°C (Refer to output load derating curve)								
TEMP. COEFFICIENT ±0.03% / °C (0~50°C) VIBRATION 10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes SAFETY \$\frac{8}{EMC}\$ UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336 approved WITHSTAND VOLTAGE I/P-O/P:4242VDC, I/P-FG:2121VDC ISOLATION RESISTANCE I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH EMI CONDUCTION & RADIATION Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 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 MTBF 500Khrs min. MIL-HDBK-217F(25°C) DIMENSION 93°54°36mm (L°W°H) PACKING 230g; 60pcs / 15kg / CARTON CONNECTOR PLUG See page2 CABLE See page2 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 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 20% to 100% rated load. 6.Load regulation is measured from 20% to 100% rated load.		WORKING HUMIDITY	20% ~ 90% RH non-condensing								
VIBRATION 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes SAFETY STANDARDS UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336 approved WITHSTAND VOLTAGE I/P-O/P;4242VDC, I/P-FG:2121VDC ISOLATION RESISTANCE I/P-O/P, I/P-FG:2100M Ohms / 500VDC / 25°C / 70% RH EMI CONDUCTION & RADIATION Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 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 MTBF DIMENSION 93*54*36mm (L*W*H) PACKING 230g; 60pcs / 15kg / CARTON PLUG CABLE See page2 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 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 0.1 uf & 47uf capacitor. 4.Tolerance: includes set up tolerance, line regulation, load regulation. 5.Line regulation is measured from 20% to 100% rated load. 6.Load regulation is measured from 20% to 100% rated load.		STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH								
SAFETY STANDARDS WITHSTAND VOLTAGE WITHSTAND VOLTAGE WITHSTAND VOLTAGE WITHSTAND VOLTAGE WITHSTAND VOLTAGE WITHSTAND VOLTAGE WIP-O/P, I/P-FG:2121VDC ISOLATION RESISTANCE WIP-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH EMIC CONDUCTION & RADIATION Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 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 MTBF 500Khrs min. MIL-HDBK-217F(25°C) DIMENSION 93*54*36mm (L*W*H) PACKING 230g : 60pcs / 15kg / CARTON PLUG CABLE See page2 T.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 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 20% to 100% rated load. 6.Load regulation is measured from 20% to 100% rated load. 6.Load regulation is measured from 20% to 100% rated load.		TEMP. COEFFICIENT									
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EMC directives.	NOTE	2.DC voltage: The output volta 3.Ripple & noise are measure 4.Tolerance: includes set up t 5.Line regulation is measured 6.Load regulation is measurer 7.The power supply is conside	age set at poired at 20MHz bolerance, line from low lined from 20% to	nt measure by y using a 12" regulation, loa to high line at 100% rated lo	plug terminal twisted pair ter d regulation. rated load. pad	& 50% load. minated with a		·	rhole system o	complies with t	he



