

10~18W AC-DC Single Output Wall-mounted type

GS18U series



Features :

- Universal AC input / Full range
- No load power consumption<0.5W
- Pass energy star(CEC) level IV for 5~48V output
- * Meet EISA 2007 (Energy Independence and Security Act) for 5 \sim 48V
- 2 pole USA plug
- Class ${\rm I\!I}\,$ power (without earth pin)
- Full output 3~48V safety approval
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: UL / CUL / BSMI / CB / FCC
- Pass LPS for 9~48V output2 years warranty

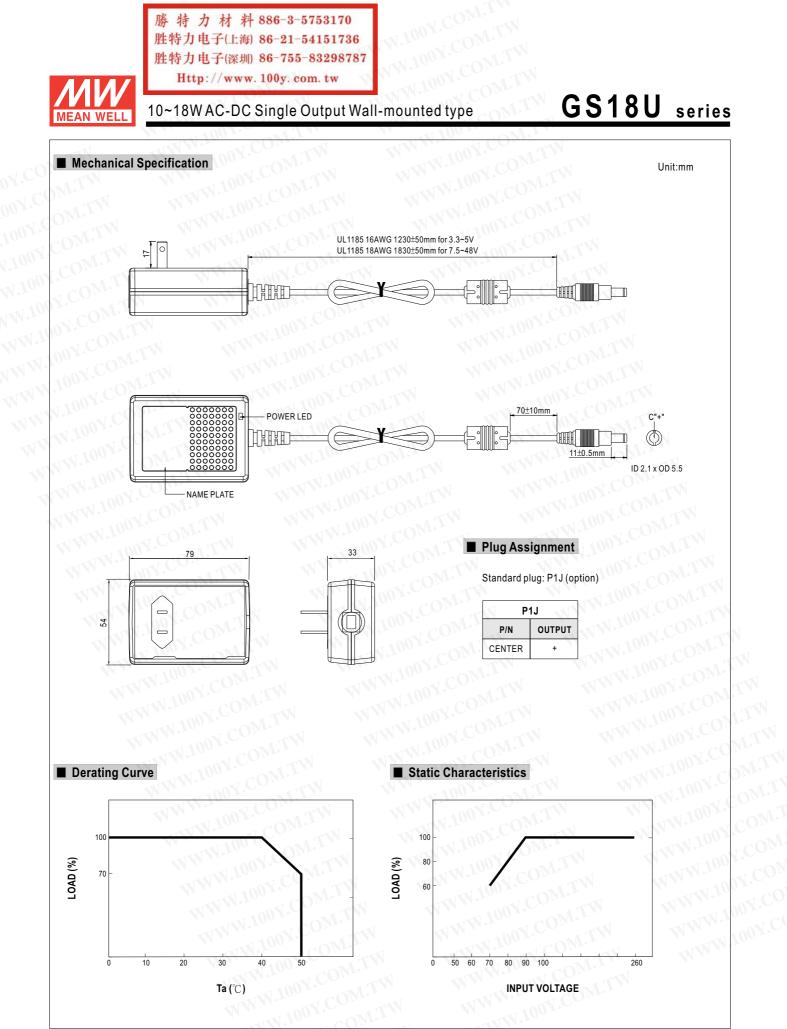


SPECIFICATION

ORDER NO.	M.T.	GS18U03-P1J	GS18U05-P1J	GS18U07-P1J	GS18U09-P1J	GS18U12-P1J	GS18U15-P1J	GS18U18-P1J	GS18U24-P1J	GS18U28-P1J	GS18U48-P1
	SAFETY MODEL NO.	GS18U03	GS18U05	GS18U07	GS18U09	GS18U12	GS18U15	GS18U18	GS18U24	GS18U28	GS18U48
OUTPUT	DC VOLTAGE Note.2	3.3V	5V	7.5V	9V	12V	15V	18V	24V	28V	48V
	RATED CURRENT	3.0A	3.0A	2.0A	2.0A	1.50A	1.20A	1.0A	0.75A	0.64A	0.375A
	CURRENT RANGE	0~3.0A	0~3.0A	0~2.0A	0~2.0A	0~1.50A	0~1.20A	0~1.0A	0~0.75A	0~0.64A	0~0.375A
	RATED POWER (max.)	10W	15W	15W	18W	18W	18W	18W	18W	18W	18W
	RIPPLE & NOISE (max.) Note.3		50mVp-p	80mVp-p	80mVp-p	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p
	VOLTAGE TOLERANCE Note.4		±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
		±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
		±5.0%	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%
INPUT	VOLTAGE RANGE	500ms, 20ms, 50ms/230VAC 500ms, 20ms, 15ms/115VAC at full load 90 ~ 264VAC 135 ~ 370VDC									
	FREQUENCY RANGE	47 ~ 63Hz									
	EFFICIENCY (Typ.)	68%	73%	79%	79%	81%	81%	82%	84%	84%	85%
	AC CURRENT	0.5A / 100V/		1370	13/0	01/0	01/0	02 /0	0470	0470	0578
	INRUSH CURRENT (max.)										
	LEAKAGE CURRENT(max.)	25A/115VAC									
	LEARAGE CORRENT(IIIax.)	0.25mA/240VAC									
PROTECTION	OVERLOAD	110 ~ 150% rated output power									
	C.	Protection type : Hiccup mode, recovers automatically after fault condition is removed									
	OVER VOLTAGE	105 ~ 150% rated output voltage Protection type : Clamp by zener diode, output short									
ENVIRONMENT	WORKING TEMP.	0 ~ +50°C (Refer to output load derating curve)									
		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 & EMC (Note. 7)	SAFETY STANDARDS	UL60950-1, CSA C22.2, BSMI,CNS14336 approved									
	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 FCC PART 15 / CISPR22 class B, CNS13438 class B									
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: 2.1¢ * 5.5¢ * 11mm, tuning fork type, center positive for stock ; Other type available by customer requested									
	CABLE	Standard type UL1185 6ft (4FT for 3.3 ~ 5V output) for stock ; Other type available by customer requested									
NOTE	 All parameters are specified 2.DC voltage: The output volt 3.Ripple & noise are measure 4.Tolerance: includes set up 5.Line regulation is measured 6.Load regulation is measure 7.The power supply is consid EMC directives. 	at 115VAC age set at po ed at 20MHz tolerance, line I from low line d from 20% t	input, rated I bint measure by using a 1 e regulation, e to high line o 100% rate	oad, 25°C 70 by plug term 2" twisted pa load regulatio at rated load d load	1% RH ambie inal & 50% lo ir terminated on. I.	ent. oad. with a 0.1uf	& 47uf capa	citor.	NTW MTW	2	Ill meets



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