

## Features:

- Interchangeable AC plugs (plug kit sold seperately)
- Universal AC input / Full range
- No load power consumption< 0.3W/230VAC for 5~24V(<0.5W/230VAC for 48V)
- Meet energy star(CEC) level V for 5~24V(level IV for 48V)
- Meet EISA 2007 (Energy Independence and Security Act)
- $\bullet$  Class  ${\rm II}$  power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- · Fully enclosed plastic case
- · LED indicator for power on
- Pass LPS
- Approvals: UL / CUL / TUV / CB / FCC / CE / C-Tick

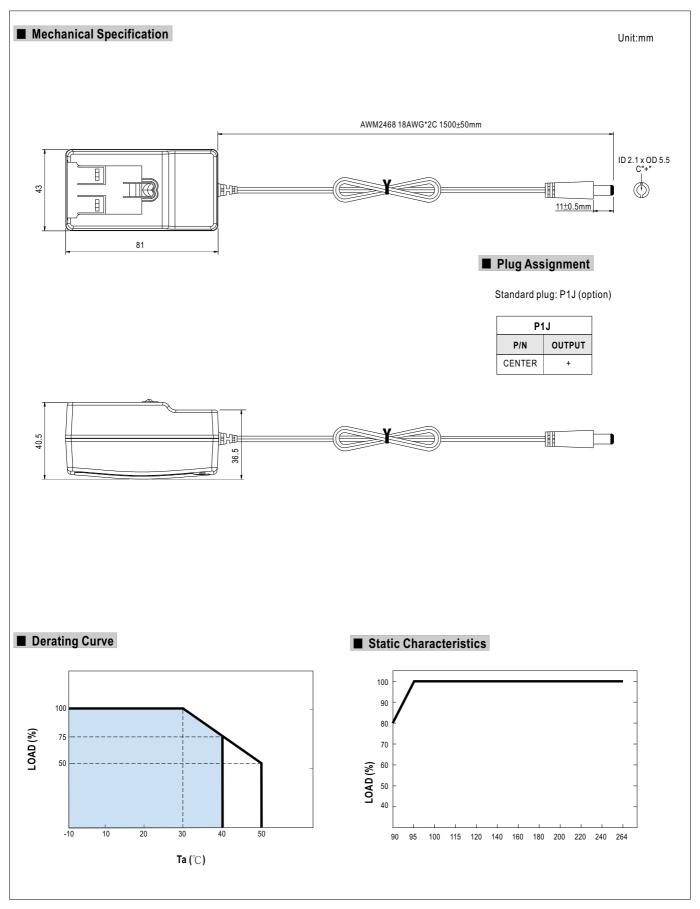
## **AC INLET PLUG**



ТҮРЕ				8 1		
	Australian type	U.K type	European type	US type	Mix four type	
ORDER NO.	AC plug-AU	AC plug-UK	AC plug-EU	EU AC plug-US AC pl		

## **SPECIFICATION**

POWER SUPPLY MAIN BODY ORDER NO.		GE18I05-P1J	GE18I07-P1J	GE18I09-P1J	GE18I12-P1J	GE18I15-P1J	GE18I18-P1J	GE18I24-P1J	GE18I48-P1J		
ОИТРИТ	SAFETY MODEL NO.	FRA018-S05-I	FRA018-S07-I	FRA018-S09-I	FRA018-S12-I	FRA018-S15-I	FRA018-S18-I	FRA018-S24-I	FRA018-S48-I		
	DC VOLTAGE Note.2	5V	7.5V	9V	12V	15V	18V	24V	48V		
	RATED CURRENT	2.4A	1.73A	2.0A	1.5A	1.2A	1.0A	0.75A	0.375A		
	CURRENT RANGE	0 ~ 2.4A	0 ~ 1.73A	0 ~ 2.0A	0 ~ 1.5A	0 ~ 1.2A	0 ~ 1.0A	0 ~ 0.75A	0~0.375A		
	RATED POWER (max.)	12W	13W	18W	18W	18W	18W	18W	18W		
	RIPPLE & NOISE (max.) Note.3	50mVp-p	75mVp-p	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	300mVp-p		
	VOLTAGE TOLERANCE Note.4	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%	±3.0%		
	LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%		
	LOAD REGULATION Note.6	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%	±3.0%		
	SETUP, RISE, HOLD UP TIME	4000ms, 100ms	, 30ms / 230VAC	4000ms,	100ms, 10ms / 1	15VAC at full loa	d				
	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC									
INPUT	FREQUENCY RANGE	47 ~ 63Hz									
	EFFICIENCY (Typ.)	72%	75%	75%	78%	80%	80%	81%	81%		
	AC CURRENT	0.7A / 100VAC									
	INRUSH CURRENT (max.)	COLD START 40A / 100VAC 80A / 230VAC									
	LEAKAGE CURRENT (max.)	0.25mA / 240VAC									
PROTECTION	OVERLOAD	110% ~ 200% rated output power									
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed									
	OVER VOLTAGE	115% ~ 135%									
		Protection type : Clamp by zener diode									
ENVIRONMENT	WORKING TEMP.	-10 ~ +50°C (Refer to output load derating curve)									
	WORKING HUMIDITY	20% ~ 90% RH non-condensing									
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH									
	TEMP. COEFFICIENT	±0.03% / ℃ (0 ~ 50℃)									
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, CSA C22.2, TUV EN60950 -1 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 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	LIFE	2 years: 100% load 30°C, 8 hours / day									
	MTBF	100Khrs min.	MIL-HDBK-217	F (25°C)							
	DIMENSION	81*43*40.5mm (L*W*H)									
	PACKING	134g; 60pcs / 12.32kg / CARTON									
DC OUTPUT CONNECTOR	PLUG	Standard type P1J: $2.1\phi * 5.5\phi * 11$ mm turning fork type, center positive for stock; Other type available by customer requested									
	CABLE	See page2									
NOTE	2.DC voltage: The output volt 3.Ripple & noise are measure 4.Tolerance: includes set up t 5.Line regulation is measured 6.Load regulation is measured	I at 230VAC input, rated load, 25°C 70% RH ambient. age set at point measure by plug terminal & 50% load. ad at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. olerance, line regulation, load regulation. I from low line to high line at rated load. d from 10% to 100% rated load t plug should be ordered seperately; it needs to be used along with any of the AC inlet plug.									



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