



Features:

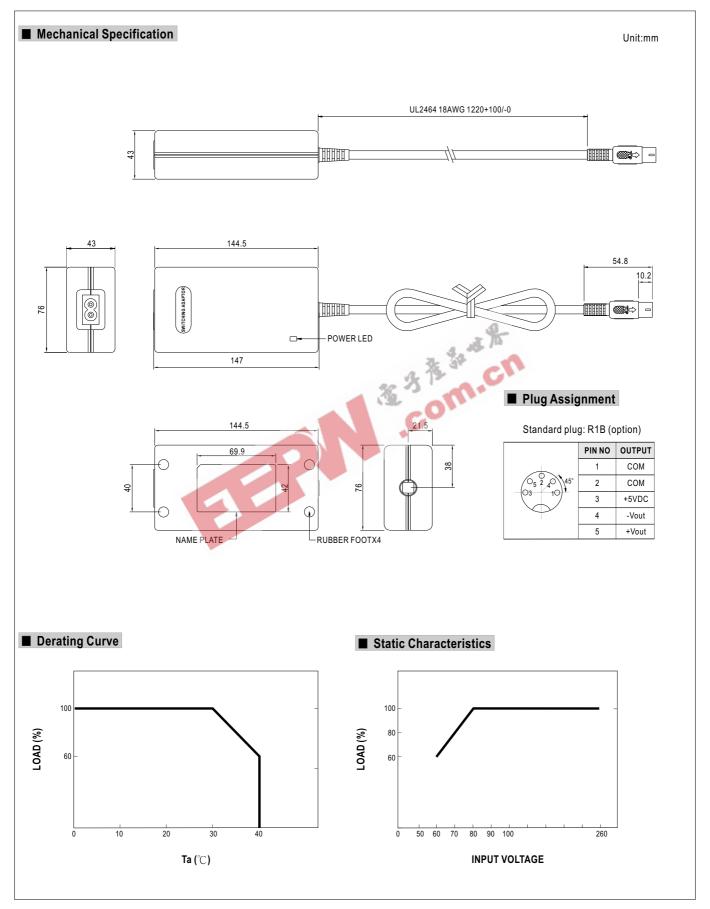
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- Fix switching frequency and regulation
- Topology: PWM 3882 circuit
- LED indicator for power on
- Approvals: UL / CUL / TUV / CB / CE
- 1 year warranty

SPECIFICATION



ORDER NO.		P50A13-R1B		P50A14-R1B		P50A16-R1B			
SAFETY MODEL NO.		PSU50A-13		PSU50A-14		PSU50A-16			
ОИТРИТ	DC VOLTAGE Note.2	5V	12V	5V	15V	5V	24V		
	RATED CURRENT	4A	2A	4A	1.8A	4A	1A		
	CURRENT RANGE	0.5 ~ 4.0A	0.1 ~ 2.0A	0.5 ~ 4.0A	0.1 ~1.8A	0.5 ~ 4.0A	0.1 ~ 1.0A		
	RATED POWER	44W		47W		49W			
	RIPPLE & NOISE (max.) Note.3	50mVp-p	100mVp-p	50mVp-p	100mVp-p	50mVp-p	100mVp-p		
	VOLTAGE ADJ. RANGE	Fixed			4, 35-11				
	VOLTAGE TOLERANCE Note.4	±6.0%	±10%	±6.0%	±10%	±6.0%	±10%		
	LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%		
	LOAD REGULATION Note.6	±5.0%	±9.0%	±5.0%	±9.0%	±5.0%	±9.0%		
	SETUP, RISE, HOLD UP TIME	1.5s, 50ms, 12ms at full load							
	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC							
	FREQUENCY RANGE	47 ~ 63Hz							
INDUT	EFFICIENCY (Typ.)	70% 74% 75%							
INPUT	AC CURRENT	1.6A/100VAC							
	INRUSH CURRENT (max.)	40A / 230VAC							
	LEAKAGE CURRENT(max.)	0.75mA / 240VAC							
PROTECTION	OVERLOAD	150 ~ 250% rated output power							
		Protection type: Hiccup mode, recovers automatically after fault condition is removed							
		5V: 110 ~ 140% of rated output voltage							
	OVER VOLTAGE	Protection type: Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	0 ~ +40°C (Refer to output load derating curve)							
	WORKING HUMIDITY	20% ~ 90% RH non-condensing							
ENVIRONMENT	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	UL1950, CSA22.2, EN60950-1 approved							
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC , I/P-FG:1.5KVAC							
	ISOLATION RESISTANCE	I/P-O/P,I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH							
	EMI CONDUCTION & RADIATION	Compliance to EN55022(CISPR22) class B							
	HARMONIC CURRENT	Compliance to EN61000-3-2,3							
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, ENV50204, light industry level, criteria A							
	MTBF	280K hrs min. MIL-HDBK-217F (25°C)							
OTHERS	DIMENSION	147*76*43mm (L*W*H)							
	PACKING	0.55kg; 36pcs / 21kg / CARTON							
CONNECTOR	PLUG	Standard type R1B: DIN 5PIN for stock; Other type available by customer requested							
CONNECTOR	CABLE	Standard type AWM2464 18Awg*4c with shiell 4ft for stock; Other type available by customer requested							
NOTE	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. Tolerence: 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 a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.								
-		File Name:P50A-D-SPEC 2007-05-14							









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- Fully enclosed plastic case
- Fix switching frequency and regulation
- Topology: PWM 3882 circuitLED indicator for power on
- Approvals: UL / CUL / TUV / CB / CE
- 1 year warranty

SPECIFICATION



ORDER NO.		P50A13A-R1B			P50A13D-R1B			P50A14E-R1B				
SAFETY MODEL NO.		PSU50A-13A			PSU50A-13D			PSU50A-14	PSU50A-14E			
ОИТРИТ	DC VOLTAGE Note.2	5V	12V	-5V	5V	12V	-12V	5V	15V	-15V		
	RATED CURRENT	4A	2A	0.5A	4A	2A	0.5A	4A	1.5A	0.5A		
	CURRENT RANGE	0.5 ~ 4.0A	0.5 ~ 2.0A	0.1 ~ 0.5A	0.5 ~ 4.0A	0.5 ~2.0A	0.1 ~0.5A	0.5 ~ 4.0A	0.5 ~ 1.5A	0.1 ~ 0.5A		
	RATED POWER	46.5W			50W			50W				
	RIPPLE & NOISE (max.) Note.3	50mVp-p	100mVp-p	100mVp-p	50mVp-p	100mVp-p	100mVp-p	50mVp-p	100mVp-p	100mVp-p		
	VOLTAGE ADJ. RANGE	Fixed			- %-							
	VOLTAGE TOLERANCE Note.4	±6.0%	±10%	±12%	±6.0%	±10%	±12%	±6.0%	±10%	±12%		
	LINE REGULATION Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%		
	LOAD REGULATION Note.6	±5.0%	±10%	±10%	±5.0%	±10%	±10%	±5.0%	±10%	±10%		
	SETUP, RISE, HOLD UP TIME	1.5s, 50ms, 12ms at full load										
	VOLTAGE RANGE	90 ~ 264VAC 135~ 370VAC										
	FREQUENCY RANGE	47 ~ 63Hz										
INDUT	EFFICIENCY (Typ.)	70% 74%										
INPUT	AC CURRENT	1.6A / 100 VAC										
	INRUSH CURRENT (max.)	40A/230VAC										
	LEAKAGE CURRENT (max.)	0. 75mA / 2 40	VAC									
	OVERLOAD.	150 ~ 250% rated output power										
PROTECTION	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed										
PROTECTION	01/2012402	5V: 110 ~ 140% of rated output voltage										
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-power on to recover										
ENVIRONMENT	WORKING TEMP.	0 ~ +40°C (Refer to output load derating curve)										
	WORKING HUMIDITY	20% ~ 90% RH non-condensing										
	STORAGE TEMP., HUMIDITY	-20 ~ +85℃, 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										
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	WITHSTAND VOLTAGE	I/P-O/P:3KVAC , I/P-FG:1.5KVAC										
	ISOLATION RESISTANCE	I/P-O/P,I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH										
		Compliance to EN55022(CISPR22) class B										
	HARMONIC CURRENT	•	Compliance to EN61000-3-2,3									
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, ENV50204, light industry level, criteria A										
OTHERS	MTBF		. MIL-HDBK	-217F (25°C)								
	DIMENSION	147*76*43mn		TON								
	PACKING	0.55kg; 36pcs / 21kg / CARTON										
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