



Features:

- Universal AC input / Full range
- · Optional L-Bracket and cover
- High efficiency up to 90%
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 4"×2" compact size
- LED indicator for power on
- No load power consumption<0.3W
- Operating altitude up to 4000 meters
- 3 years warranty









EPS-65-3.3 -C =Blank,-C; Blank=PCB only, -C=Enclosed type

NOTE

ATED CURRENT	3.3V 11A	5V	7.5V	12V	15V	24V	36V	4017
	11A			120	137	24 V	301	48V
LIDDENT DANGE	11/1	11A	8A	5.42A	4.34A	2.71A	1.81A	1.36A
UNKLINI KANGL	0 ~ 12A	0 ~ 12A	0 ~ 8.8A	0 ~ 6A	0 ~ 4.8A	0 ~ 3A	0 ~ 2A	0 ~ 1.5A
ATED POWER	36.3W	55W	60W	65.04W	65.1W	65.04W	65.16W	65.28W
EAK LOAD(10sec.) Note.6	39.6W	60W	66W	72W	72W	72W	72W	72W
IPPLE & NOISE (max.) Note.2	80mVp-p	80mVp-p	100mVp-p	120mVp-p	150mVp-p	240mVp-p	280mVp-p	300mVp-p
OLTAGE ADJ. RANGE	3.1 ~ 3.6V	4.75 ~ 5.5V	7.13 ~ 8.25V	10.8 ~ 13.5V	13.5 ~ 16.5V	21.6 ~ 27V	32.4 ~ 39.6V	43.2 ~ 52.8
OLTAGE TOLERANCE Note.3	±3.0%	±2.0%	±2.0%	±2.0%	±2.0%	±1.0%	±1.0%	±1.0%
INE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
OAD REGULATION	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
ETUP, RISE TIME	1000ms, 50ms/230VAC 2000ms, 50ms/115VAC at full load							
OLD UP TIME (Typ.)	50ms/230VAC 12ms/115VAC at full load							
OLTAGE RANGE Note.5	90 ~ 264VAC 127 ~ 370VDC [DC input operation possible by connecting AC/N(+), AC/L(-)]							
REQUENCY RANGE	47 ~ 63Hz							
FFICIENCY (Typ.)	80%	82%	84%	86%	87%	88%	89%	90%
C CURRENT (Typ.)	1.8A/115VAC 1 A/230VAC							
IRUSH CURRENT (Typ.)	COLD START 60A/230VAC							
EAKAGE CURRENT	<2mA/240VAC							
OVER LOAD	115 ~ 160% rated output power							
	Protection type: Hiccup mode, recovers automatically after fault condition is removed							
OVER VOLTAGE	3.7 ~ 4.45V	5.6 ~ 6.75V	8.63 ~ 10.1V	13.8 ~ 16.2V	17.25 ~ 20.25\	27.6 ~ 32.4V	39.7 ~ 46.8V	53.3 ~ 64.8
	Protection type	: Shut down o/	p voltage, re-pow	er on to recover				•
ORKING TEMP.	-30 ~ +70°C (Refer to output load derating curve)							
ORKING HUMIDITY	20 ~ 90% RH non-condensing							
TORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH							
EMP COEFFICIENT	$\pm 0.03\%^{\circ}\text{C} (0 \sim 50^{\circ}\text{C})$ 4000 meters							
PERATING ALTITUDE Note.7								
IBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes							
AFETY STANDARDS	UL62368-1, TUV EN62368-1, EAC TP TC 004 approved							
ITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC							
OLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/70% RH							
MC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2,-3, EAC TP TC 020							
MC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, heavy industry level, criteria A, EAC TP TC 020							
ITBF	563Khrs min. MIL-HDBK-217F (25°C)							
IMENSION	PCB:101.6*50.8*29mm (L*W*H); with optional CASE:103.4*62*37mm (L*W*H)							
ACKING	PCB: 0.15Kg; 96pcs/ 15.4 Kg/0.89CUFT; with optional CASE: 0.3Kg; 45pcs/ 14.5Kg/0.67CUFT							
	PLATAGE TOLERANCE Note.3 NE REGULATION PAD R	DITAGE TOLERANCE Note.3 ±3.0% NE REGULATION ±0.5% DIAD REGULATION ±2.0% TUP, RISE TIME 1000ms, 50ms/ DID UP TIME (Typ.) 50ms/230VAC DITAGE RANGE Note.5 90 ~ 264VAC DITAGE RANGE 47 ~ 63Hz FICIENCY (Typ.) 80% CURRENT (Typ.) 1.8A/115VAC CURRENT (Typ.) COLD START AKAGE CURRENT <2mA/240VAC T15 ~ 160% rat Protection type 3.7 ~ 4.45V Protection type 3.7 ~ 4.45V Protection type 20 ~ 90% RH n DRKING TEMP. -30 ~ +70°C (F DRKING HUMIDITY -40 ~ +85°C, 10 MP. COEFFICIENT ±0.03%/°C (0 ERATING ALTITUDE Note.7 4000 meters BRATION 10 ~ 500Hz, 20 DITAGE TEMP. 1/P-O/P.3KVAC DITAGE 1/P-O/P.3KVAC DITAGE 1/P-O/P, 1/P-FG DITAGE 1/P-O/P, 1/	DITAGE TOLERANCE Note.3 ±3.0% ±2.0% NE REGULATION ±0.5% ±0.5% ±0.5% ±0.5% ±0.5% ±0.5% ±1.0% ±1.0% ±1.0%	DITAGE TOLERANCE Note.3 ±3.0% ±2.0% ±0.5% ±0.5% ±0.5% ±0.5% ±0.5% ±0.5% ±1.0% ±1	Strage Tolerance Note.3	LTAGE TOLERANCE Note.3	## Standard ## Standard	LTAGE TOLERANCE Note.3

- 4. Derating may be needed under low input voltage. Please check the static characteristics for more details.5. 33% Duty cycle maximum within every 30 seconds. Average output power should not exceed the rated power.6. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit
- on a 360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."
- (as available on http://www.meanwell.com)
 7. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).









