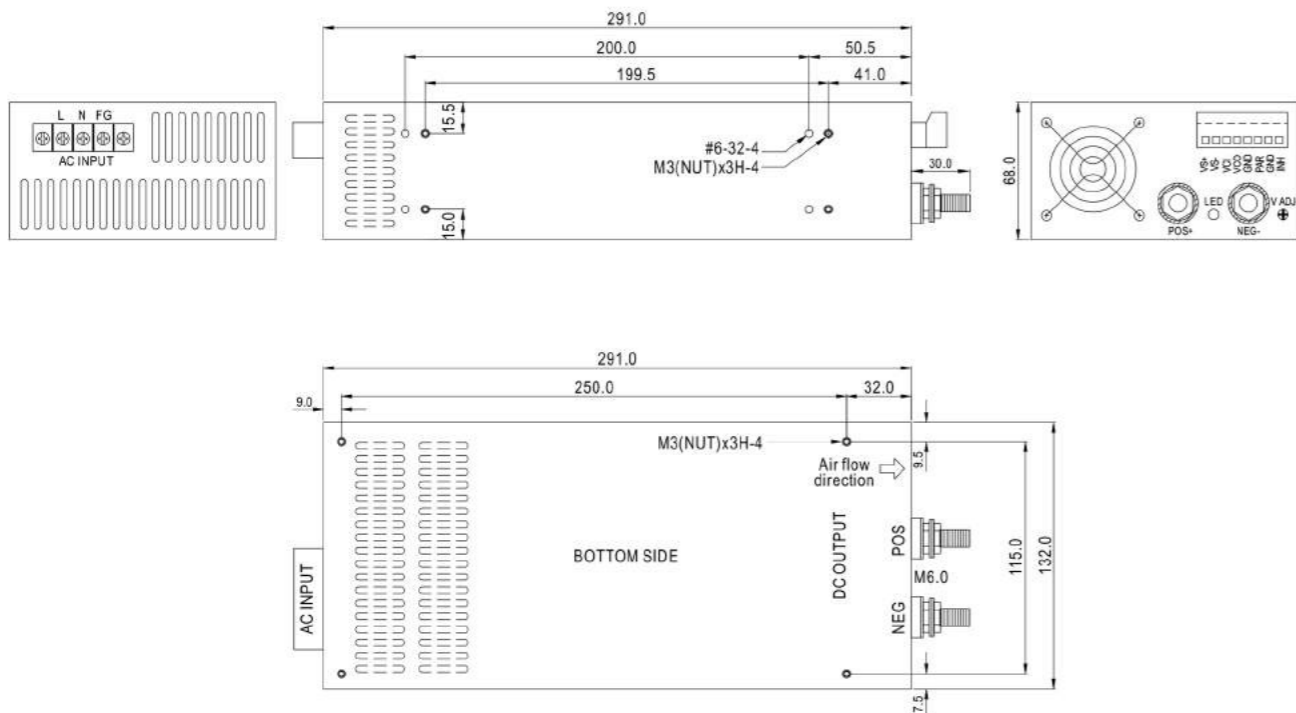


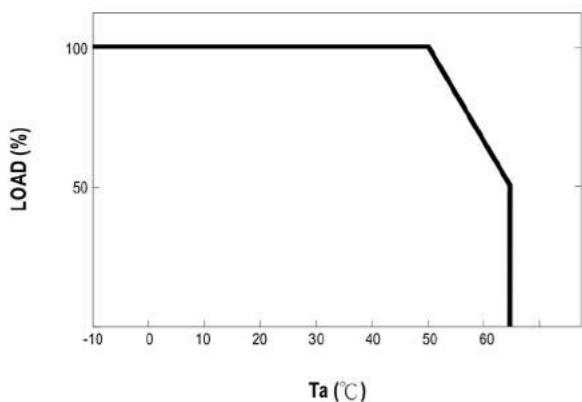
800W Single Output Switching Power Supply

■ Mechanical Specification

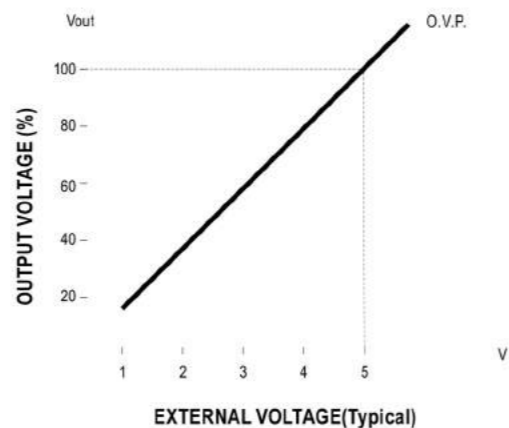
Unit:mm



■ Derating Curve



■ External DC Control VS Output Voltage



800W Single Output Switching Power Supply



■ Features :

- AC input range selected by switch
- Protections: Short circuit/ Over voltage/Over load/ Over temp.
- High reliability/ Low ripple noise
- With parallel function Can adjust from 20~100% output voltage by
- Case coating with paint
- 2 years warranty

SPECIFICATION

ORDER NO.	S-800-12	S-800-15	S-800-24	S-800-48
SAFETY MODEL NO.	800-12	800-15	800-24	800-48
DC VOLTAGE	12V	15V	24V	48V
RATED CURRENT	66A	54A	33A	16.6A
CURRENT RANGE	0 ~ 66A	0 ~ 54A	0 ~ 33A	0 ~ 16.6A
RATED POWER	800W	800W	800W	800W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	240mVp-p	480mVp-p
VOLTAGE ADJ. RANGE	±5.0% typical adjustment by potentiometer 20~100% adjustment by 1~5VDC external control			
VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
SETUP, RISE, HOLD TIME	800ms, 50ms, 16ms at full load			
VOLTAGE RANGE	90~130VAC / 180 ~ 260VAC selected by switch, 260~370VDC			
FREQUENCY RANGE	47~63Hz			
EFFICIENCY (Typ.)	80%	81%	85%	87%
AC CURRENT	13A / 115VAC 8.0A / 230VAC			
INRUSH CURRENT (max.)	60A / 230VAC			
LEAKAGE CURRENT (max.)	3.5mA / 240VAC			
OVER LOAD	110~135% rated output power Protection type : Current limiting, delay shut down o/p voltage, re-power on to recover			
OVER VOLTAGE	110~135% follow to output set up point Protection type : Shut down o/p voltage, re-power on to recover			
OVER TEMPERATURE	>100°C / measure by heat sink, near transformer Protection type : Shut down o/p voltage, re-power on to recover			
WORKING TEMP.	-10~+65°C (Refer to output load derating curve)			
WORKING TEMP., HUMIDITY	20%~90% RH non-condensing			
STORAGE TEMP., HUMIDITY	-20~+85°C 10~95% RH			
TEMP. COEFFICIENT	±0.04% / °C (0~50°C)			
VIBRATION	10~200Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY STANDARDS	Design refer to UL1950, CSA22.2, IEC60950			
WITHSTAND VOLTAGE	I/P-O/P, I/P-FG:1500VAC			
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, >100M Ohms / 500VDC			
EMI CONDUCTION & RADIATION	Design refer to FCC part 15 class A			
HARMONIC CURRENT	----			
EMS IMMUNITY	----			
MTBF	120khrs min. MIL-HDBK-217F (25°C)			
DIMENSION	291*132*68mm (L*W*H)			
PACKING	2.3kg; 8pcs/ 24kg /CARTON			
SPECIAL FUNCTION	DC voltage adj., Remote sensing, remote control, parallel operation (refer to terminal instruction manual)			
NOTE	1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH. Ambient. 2.Tolerance: includes set up tolerance, line regulation, load regulation. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.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.			