

SPP-E Series

20~50Watts, Dual/Triple Output, AC-DC Power Supply

FEATURES

- * Safety Approved:
UL1950/ CSA C22.2 No 950-95/ TUV EN 60950/
IEC 60950/ EMKO-TSE 207/94
- * EMI: FCC CFR47 Part 15 Class B/ EN50081-1/
CNS 13438 Class B
- EMS: EN50082-1
- * Over load, over voltage, short circuit protection
- * Low ripple noise
- * 100% 50°C burn-in test.
- * 2 year warranty



Mounting Hole: 167 x 45.5mm
Dimension: 178 x 50.5mm

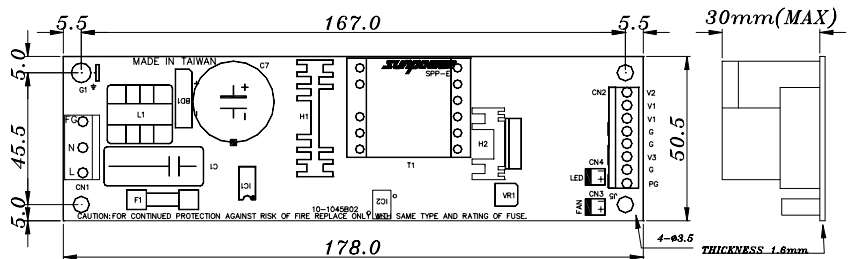


AMBIENT

- * Operating temperature range: 0~70°C;
De-rating factor 50°C~70°C :2.5%/°C
- * Storage temperature: -10 to +75°C
- * Humidity: Operation: 20% to 85% RH.(Non condensing)
Storage: 10% to 95% RH.(Non condensing)
- * MTBF: >150,000 hours

INPUT

- * Universal full range 90~264VAC
- * AC Frequency: 47~63Hz
- * Current: E020-E021: <0.5A@100V
E030-E032: <0.8A@100V
E040-E041: <1.3A@100V
E050-E052: <1.5A@100V
- * Inrush current: <20A@115V, <40A@230V
Cold start at 25°C ambient
- * Leakage current: ≤0.75mA @ AC 264V



* Connector: Input: 3p/ 7.92mm pitch
output: 8p/3.96mm pitch

DC OUTPUT

- * Setup time: 800ms@115VAC, 300ms@230VAC
- * Rise time: ≤20ms
- * Hold up time: 16.7ms@115VAC, 20ms@230VAC

PACKING

- * N.W.: 0.2Kg / 1pc: 60pcs / 2.03Cuf³ / 1CTN

MODEL NO.	SPP-E020			SPP-E021		SPP-E030			SPP-E031		SPP-E032		
OUTPUT	V1	V2	V3	V1	V2	V1	V2	V3	V1	V2	V1	V2	
VOLTAGE	+5V	+12V	-12V	+5V	+12V	+5V	+12V	-12V	+5V	+12V	+5V	+12V	
MIN. LOAD	0.3A	0.1A	0A	0.3A	0.1A	0.3A	0.1A	0A	0.3A	0.1A	0.3A	0.1A	
MAX. LOAD	1.5A	1.2A	0.3A	1.5A	1.5A	2.0A	1.5A	0.3A	2.0A	1.5A	2.5A	1.5A	
Regulation	±5%	±5%	±10%	±5%	±5%	±5%	±10%	±10%	±5%	±5%	±5%	±5%	
RIPPLE & NOISE(MAX.)	50mV	120mV	200mV	50mV	120mV	70mV	120mV	200mV	70mV	120mV	70mV	120mV	
EFFICIENCY(TYP.)	63%			63%		68%			68%		68%		
MODEL NO.	SPP-E040			SPP-E041		SPP-E050			SPP-E051			SPP-E052	
OUTPUT	V1	V2	V3	V1	V2	V1	V2	V3	V1	V2	V3	V1	V2
VOLTAGE	+5V	+12V	-12V	+5V	+12V	+5V	+12V	-12V	+5V	+12V	-12V	+5V	+12V
MIN. LOAD	0.3A	0.1A	0A	0.3A	0.1A	0.3A	0.1A	0A	0.3A	0.1A	0A	0.3A	0.1A
MAX. LOAD	3.0A	2.2A	0.3A	3.0A	2.0A	4.0A	2.2A	0.3A	5.0A	2.0A	0.1A	5.0A	2.0A
Regulation	±5%	±5%	±10%	±5%	±5%	±5%	±5%	±10%	±5%	±5%	±10%	±5%	±5%
RIPPLE & NOISE(MAX.)	70mV	120mV	200mV	70mV	120mV	70mV	150mV	200mV	70mV	150mV	120mV	70mV	150mV
EFFICIENCY(TYP.)	70%			71%		71%			71%			71%	