

SPS-025 Series

25W, Single Output



79 x 50.8 x 28.5 mm
3.1 x 2 x 1.12 inch

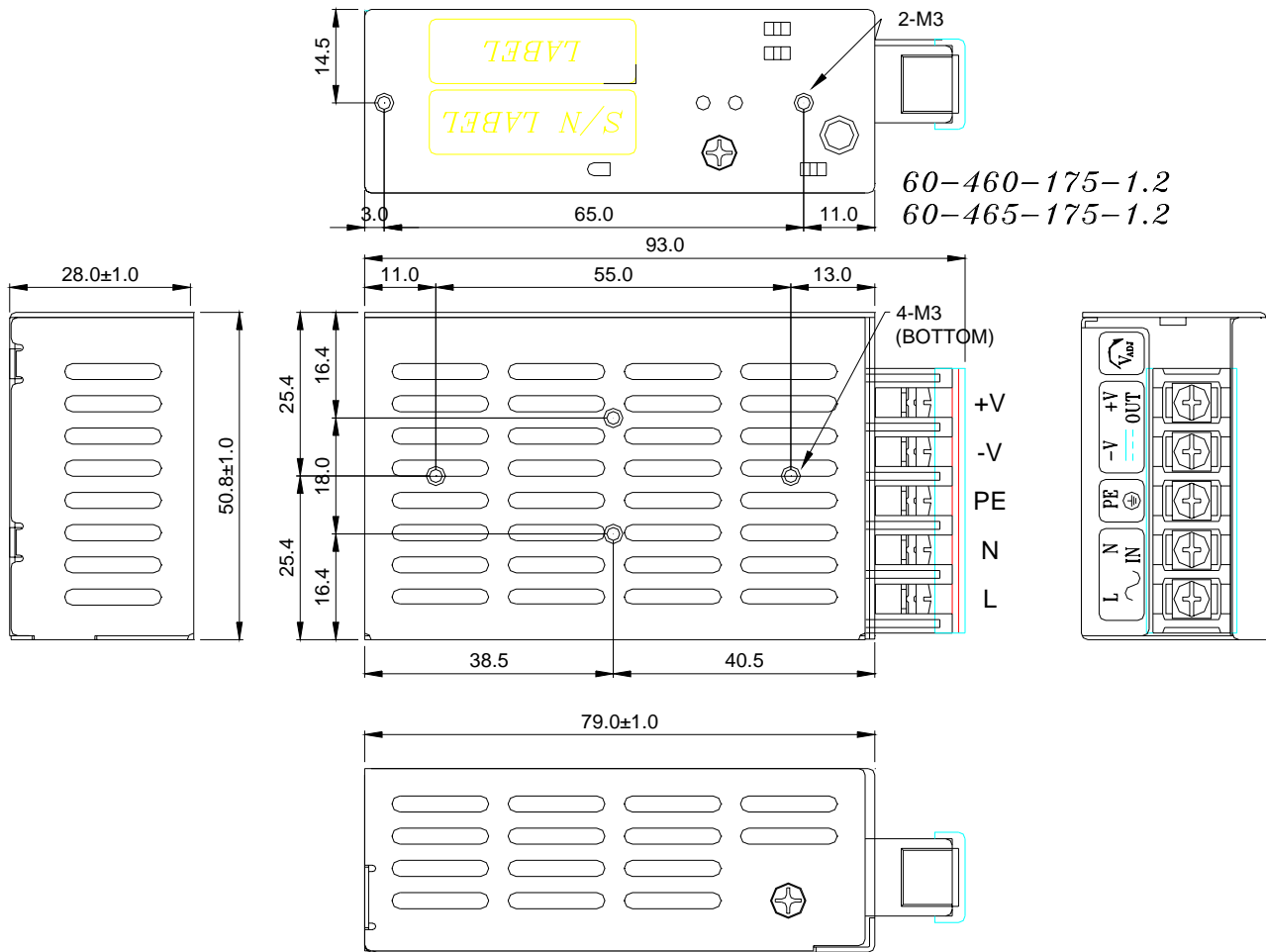
Features:

- * Ultra compact size, smaller than a pack of name card
- * Green-mode designing, meet IEA standard<0.75W (standby state)
- * Universal AC input
- * Over load, over voltage & short circuit protection
- * Output voltage $\pm 10\%$ adjustment
- * Built-in EMI filter, low ripple noise
- * 100% 50°C burn-in test
- * UL, cUL, TUV, CB, CE certified
- * 2 years warranty

Specification:

MODEL	SPS-025-3.3	SPS-025-05	SPS-025-7.5	SPS-025-7.5F	SPS-025-12	SPS-025-15	SPS-025-24	SPS-025-30	SPS-025-48	
OUTPUT	Voltage	3.3V	5V	7.5V	9V	12V	15V	24V	30V	48V
	Min. Load	0A								
	Max. Load	6.0A	5.0A	3.4A	2.8A	2.1A	1.7A	1.1A	0.9A	0.57A
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$						
	Ripple Noise(max)	50mV		70mV		120mV	150mV	200mV		
	Efficiency (tpy)	65%	72%	75%	76%	78%		80%		
MAX OUTPUT WATTAGE		20W	25W				27W			
INPUT	Voltage	AC: 85V ~ 264V; DC: 120V ~ 375V Universal full range, single phase.								
	Frequency	47 ----- 63 Hz								
	Current	0.8A max at 100V AC input, full load condition								
	Inrush Current	<30A@115V / <50A@230V AC input, full load condition. Cold start at 25°C ambient								
	Leakage Current	<1.0mA@264V AC input								
PROTECTION	ShortCircuitProtection	Shutdown, recovers automatically after fault condition has been removed.								
	OverVoltageProtectio	3.8V-4.6V	5.8V-7.0V	8.6V-10.5V	10.35V-12.6V	13.8V-17.5V	17.3V-21.0V	27.6V-33.6V	34.5V-42V	55.2V-67.2V
OTHERS	Setup time	$\leq 2.0S@115V$; $\leq 0.8S@230V$								
	Rise time	<20mS								
	Hold up time	>40mS@230V								
	Cooling	Natural Cooling								
	Green Mode Function	When output at no load, the input dissipation is below 0.75W.								
Environment	Temperature	Operating: 0~70°C; derating: 50°C ~70°C : 2.5%/°C. Storage: -10~+75°C								
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)								
M.T.B.F.		454K hours								
SAFETY		Approved: UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94								
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.								
	EMS	EN 50082-1 (1997)								
Packing		N.W.: 0.19Kg / 1 pc; 86pcs / 1.22Cu ft ³ / 1Ctn;								

Dimension:



1. TERMINAL BLOCK : 5P, PITCH 7.62 mm WITH PC COVER.
2. UNIT : mm.