

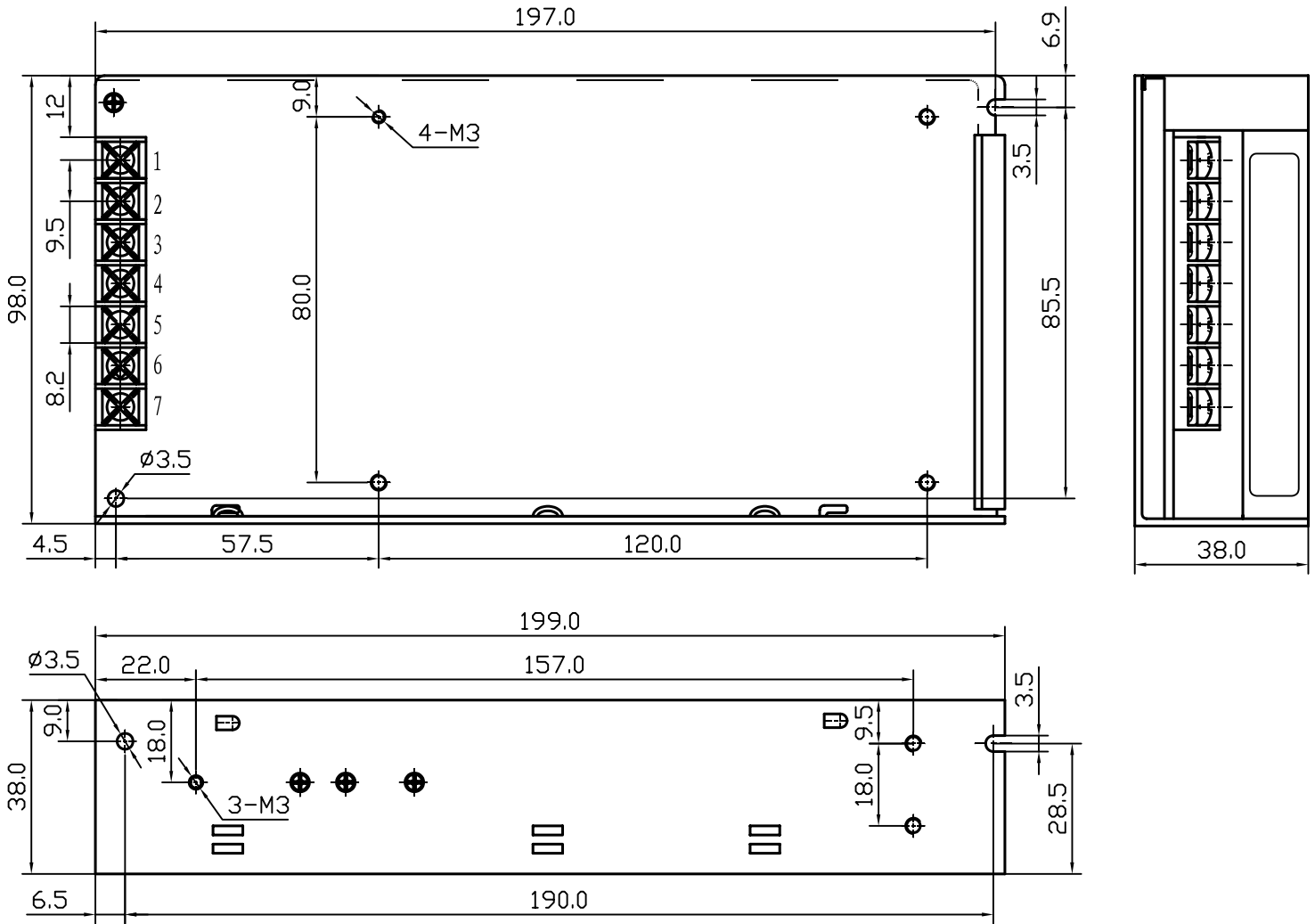
Features:

- High efficiency, high reliability, low cost
- AC input range selected by switch
- 100% full load burn-in test
- Protections: Short circuit/Over load/ Over voltage
- Cooling by free air convection
- Fixed switching frequency at 25KHz
- 1 year warranty
- Dimensions: 199*98*38mm (L*W*H)



MODEL		SKS-145-5	SKS-145-7.5	SKS-145-12	SKS-145-15	SKS-145-24
OUTPUT	DC VOLTAGE	5V	7.5V	12V	15V	24V
	VOLTAGE TOLERANCE	±2%	±1%	±1%	±1%	±1%
	RATED CURRENT	25A	18A	12A	9.6A	6A
	CURRENT RANGE	0-25A	0-18A	0-12A	0-9.6A	0-6A
	RATED POWRE	125W	135W	144W	144W	144W
	RIPPLE & NOISE	100mVp-p	120mVp-p	120mVp-p	120mVp-p	150mVp-p
	DC,ADJUSTMENT RANGE	±10%	-20%, +10%	-12%, +10%	-12%, +10%	-12%, +16%
	SETUP, RISE, HOLD TIME	100ms,50ms,20ms at full load				
INPUT	VOLTAGE RANGE	88~132 VAC/176~264VAC 47~63 Hz;				
	AC CURRENT	3.2A/115 V 1.6A/ 230 V				
	EFFICIENCY	78%	80.5%	80.5%	81%	83.5%
	INRUSH CURRENT	Cold start 35A/230VAC				
	LEAKAGE CURRENT	<3.5 mA/240VAC				
PROTECTION	OVER LOAD	135%~165% Protection type: Shut down o/p voltage, re-power on to recover				
	OVER VOLTAGE	115%~135% Protection type: Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING,TEMP.,HUMIDITY	-10℃~+60℃; 20%~90 %RH				
	STORAGE,TEMP., HUMIDITY	-20℃~+85℃; 10%~95 %RH				
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes				
SAFETY	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC				
STANDARD	SAFETY STANDARD	Design refer to UL1012				
	EMC STANDARD	Design refer to EN55022,IEC801-2,3,4				
OTHERS	WEIGHT	0.71Kg				
	PACKING	30pcs/22.5kg/1.22CUFT				
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor.</p> <p>3. Tolerance: includes set up tolerance, line regulation and load regulation.</p>					

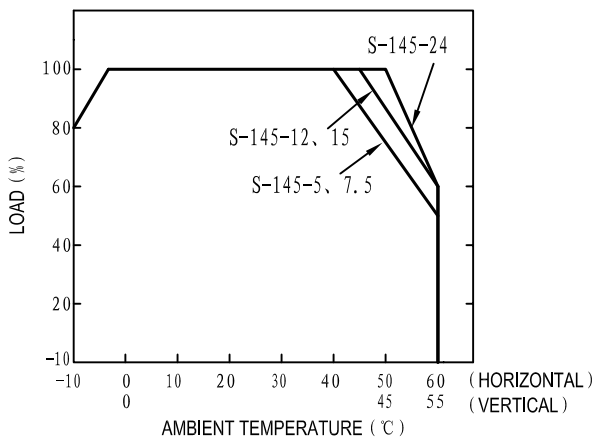
■ Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4, 5	DC OUTPUT -V
2	AC/N	6, 7	DC OUTPUT +V
3	FG		

■ Derating Curve



■ Static Characteristics (24V)

