



# ECU65S Series

90W AC-DC Single Output Desktop

ENGLISH



□ Features:

- Universal AC input / Full range
- 3 pole AC inlet IEC320-C14
- Built-in active PFC function, PF>0.91
- Protections: Short circuit / Overload/ Over voltage/ Over temp.
- Fully enclosed plastic case
- Class I power (with earth pin)
- Pass LPS
- LED indicator for power on
- No load power consumption<0.5W
- 2 years warranty



MODEL		445-107	678-3975	678-3978	445-103	678-3972
OUTPUT	DC Voltage	12V	15V	19V	24V	48V
	RATED CURRENT	6.67A	6A	4.74A	3.75A	1.87A
	CURRENT RANGE	0 – 6.67A	0 – 6.00A	0-4.74A	0- 3.75A	0-1.87A
	RATED POWER	80W	90W	90W	90W	90W
	RIPPLE & NOISE (max.)	80mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p
	VOLTAGE TOLERANCE	±5.0%	±5.0%	±4.0%	±3.0%	±2.0%
INPUT	VOLTAGE RANGE	90 – 264VAC		127 – 370VDC		
	FREQUENCY RANGE	47 – 63Hz				
	EFFICIENCY (Typ.)	88%	89%	89%	89.5%	91%
	AC CURRENT (Typ.)	2A/115VAC 1A/230VAC				
	INRUSH CURRENT	70A/ 230VAC				
	LEAKAGE CURRENT	1mA/ 240VAC				
PROTECTION	OVERLOAD	110% - 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	OVER VOLTAGE	105% - 135% rated output voltage Protection type: Shut off o/p voltage, re-power on to recover				
	OVER TEMPERATURE	RTH30 > 100°C Protection type: Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 →+50°C (Refer to "Derating Curve")				
	VIBRATION	10 – 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
OTHERS	DIMENSION	145*60*32mm (L*W*H)				
	PACKING	0.45Kg; 30pcs/14.05Kg/1 CUFT				
CONNECTOR	PLUG	Standard type P1M: 2.1φ* 5.5φ* 11mm, tuning fork type, positive center				
	CABLE	See page 2				



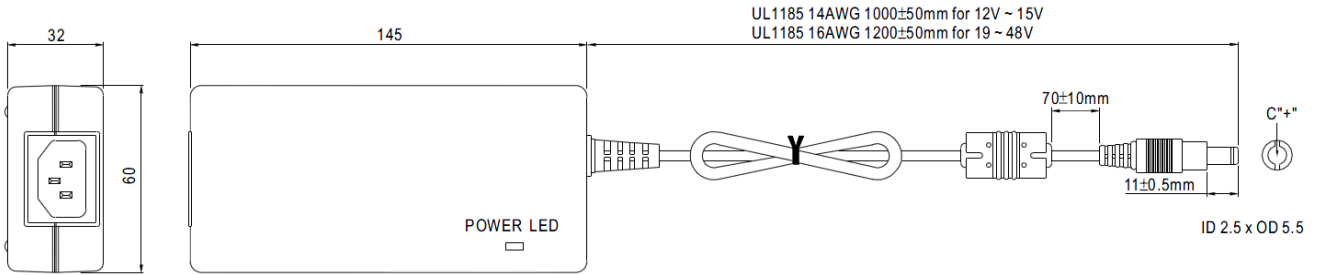
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## Mechanical Specification

Case No. 978A Unit:mm

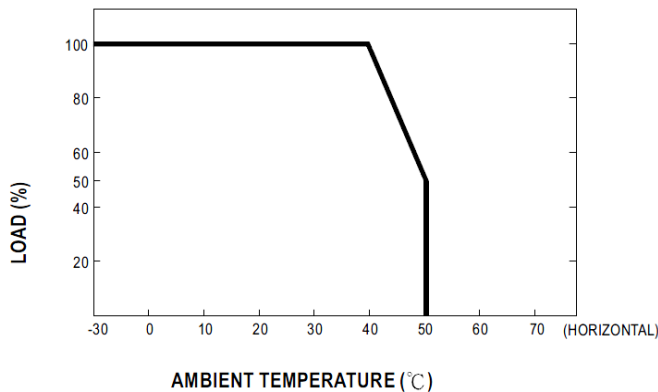


## Plug Assignment

Standard plug: P1M

P1M	
P/N	OUTPUT
CENTER	+

## Derating Curve



## Static Characteristics

