

## Features

- Wide Input Range AC 90 V to 264 V
- No Load Power Consumption Less Than 0.3 W
- Low Ripple & Noise
- 1 Year Warranty



**Dimensions:** 139 mm × 61 mm × 36 mm (Standard Size)  
129 mm × 54 mm × 32 mm (Compact Size)

**Efficiency Level:** ErP Stage 2, CEC Level V

**Marks / Approvals:** CB CE GS UL FCC V E

## Specifications

	Standard Size	Compact Size	VOLTAGE	MIN. LOAD	MAX. LOAD	MAX. POWER
OUTPUT	STD 1207		12 V	0.0 A	7.0 A	84 W
	STD 1506	STD 15060	15 V	0.0 A	6.0 A	90 W
	STD 1656	STD 16056	16 V	0.0 A	5.6 A	90 W
	STD 18054	STD 18050	18 V	0.0 A	5.0 A	90 W
	STD 1947	STD 19047	19 V	0.0 A	4.74 A	90 W
	STD 2045	STD 20045	20 V	0.0 A	4.5 A	90 W
	STD 2437	STD 24037	24 V	0.0 A	3.75 A	90 W
		<b>Standby Power Consumption</b>		Less than 0.3 W		
	<b>Load Regulation</b>		± 5 % (typical)			
	<b>Ripple &amp; Noise</b>		1 % to 2 % × V p-p max. for output voltage @ full load			
INPUT	<b>Voltage</b>		AC 90 V 264 V			
	<b>Frequency</b>		47 Hz to 63 Hz			
	<b>Current (rms max)</b>		1.2 A max.			
	<b>Leakage Current</b>		0.25 mA @ 2 pins			
PROTECTION	<b>Over Current</b>		Yes			
	<b>Overvoltage</b>		Yes			
	<b>Short Circuit</b>		Yes			
	<b>Input</b>		Internal Primary Current Fuse, Inrush Limiting			
	<b>No Load Operation</b>		Yes, to protect the power supply and system from damage			
OTHERS	<b>Cooling</b>		Free air convection			
	<b>Withstand Voltage</b>		AC 3000 V Primary - Secondary			
	<b>Transient Response</b>		0.5 ms for 50 % load change typical			
	<b>Holdup time</b>		10 ms @ full load			
ENVIRONMENT	<b>Temperature</b>		Operating: 0 °C to 40 °C / Storage: -20 °C to 80 °C			
	<b>Humidity</b>		Operating: 20 % RH to 80 % RH / Storage: 10 % RH to 90 % RH			
CONNECTION	<b>Input</b>		IEC 60320 C6			
	<b>Output</b>		Standard DC plug: 2.1 mm × 5.5 mm × 9.5 mm / DC Cord: 18 AWG, 16 AWG			
MTBF	50,000 Calculated Hours at 25°C, by MIL-HDBK-217F					
SAFETY	CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS					
EMI	Compliance to EN 55022 Class B, EN 61000-3-2, -3					
EMS	Compliance to EN 61000-4-2, -3, -4, -5, -6, -8, -11					
DIMENSIONS	139 mm × 61 mm × 36 mm (Standard Size) / 129 mm × 54 mm × 32 mm (Compact Size)					
NET WEIGHT	415 g / 340 g (ref.)					