



STD 160 Series Desktop 160 W

Country of Origin: China
 Operating Temperature: 0 °C to 40 °C
 Dimension: 175.2 x 74 x 42 mm
 Efficiency Level: 
 Approvals / Marks: 



Features:

Wide Input Range AC 90 V to 264 V / 50 Hz to 60 Hz
 Overvoltage, Short Circuit & Over Current Protection
 Standard DC Output Connector: Mini-DIN-plug (4 pins)
 1 Year Warranty

Specification:

	MODEL	Voltage (V)	min. Load (A)	max. Load (A)	Max. Power (W)
OUTPUT	STD 12125	12.0	0.0	12.50	150
	STD 19084	19.0	0.0	8.40	160
	STD 24066	24.0	0.0	6.60	160
	STD 48033	48.0	0.0	3.30	160

Standby Power Consumption	Less than 0.5 W	
Load Regulation	± 5 % (typical)	
Ripple & Noise	1 % to 2 % x V p-p max. for output voltage @ full load	
INPUT	Voltage	AC 90 V 264 V
	Frequency	47 Hz to 63 Hz
	Current (rms max)	2.2 A max.
	Leakage Current	3.5 mA @ 3 pins
PROTECTION	Over Current	Yes
	Overvoltage	Yes
	Short Circuit	Yes
	Input	Internal Primary Current Fuse, Inrush Limiting
OTHERS	No Load Operation	Yes, to protect the power supply and system from damage
	Cooling	Free air convection
	Withstand Voltage	AC 1800 V Primary - Secondary
	Transient Response	0.5 ms for 50 % load change typical
Environment	Holdup time	10 ms @ full load
	Temperature	Operating: 0 °C to 40 °C / Storage: -20 °C to 80 °C
Connection	Humidity	Operating: 20 % RH to 80 % RH / Storage: 10 % RH to 90 % RH
	Input	IEC320-C14 / IEC320-C6
MTBF	Standard DC plug: Mini-DIN plug (4 pins). DC Cord: UL 2464 / AWG16. Cable Length: 1200 mm.	
SAFETY	50,000 Calculated Hours at 25 °C, by MIL-HDBK-217F	
EMI	CB GS UL c-UL CE PSE BSMI	
EMS	Compliance to EN 55022 Class B, EN 61000-3-2,3	
WEIGHT	Compliance to EN 61000-4-2,3,4,5,6,8,11	
	N.W.: 0.7 kg	

Specifications subject to change without notice

Betriebsanleitung

Tischnetzteil (STD-160-Watt-Serie)

Zu Ihrer Sicherheit:

- Das Netzteil ist weder spritzwassergeschützt noch wasserdicht.
- Das Netzteil darf nicht im Bad, in Feuchträumen oder im Freien betrieben werden
- Die Eingangsspannung zwischen 90 V und 264 V (47 Hz – 63 Hz) ist zwingend einzuhalten
- Das Netzteil darf keiner direkten Sonneneinstrahlung oder sonstigen Wärmequelle ausgesetzt werden
- Öffnen Sie nicht das Gehäuse, das Netzteil ist wartungsfrei
- Die Angaben auf dem Datenblatt sind zwingend einzuhalten

Instruction Manual

Desktop Power Supply (STD-160 series)

For your own safety:

- The power supply is neither splash proof nor waterproof
- Do not use in bathrooms, in other rooms with high humidity or outside
- Use the correct power outlet voltage only. The input voltage must be held within the range of 90 V to 264 V (AC) and 47 Hz – 63 Hz
- Do not expose the power supply to heat or direct sunlight
- Do not remove the unit's cover. No serviceable parts inside
- Abiding the technical specifications of this data sheet is mandatory