TG23-0175-01

175W AC/DC SWITCHING POWER SUPPLY

ENCLOSED



FEATURES

- Universal 85 ~ 264VAC Input Voltage.
- Built-in Active PFC Function.
- 200W Peak Capability.
- 110W Convection-cooled, 175W with Forced Air Cooling.
- Dual Output, High Efficiency up to 89.9%.
- High Power Density, Compact Size: 5.71" x 3.9" x 1.62".
- Operating Ambient Temperature Range: -10°C to +70°C.
- Output Short Circuit, Over Current, Over Voltage Protection, Over Temperature Protection.
- Operating Altitude up to 5,000m.
- Remote Function: Remote On/Off, Remote Sense, Power Fail Signal.
- Safety According to IEC62368-1.

MODELS & RATINGS

Model No.	Cooling Method	Peak Power (W)	Rated Power (W)	V1 Output Voltage / Current	V2 Output Peak Current	V2 Output Voltage / Current	Efficiency Typ.
TG23-0175-01	Convection Cooling	-	110	5V / 9.42A	-	12V / 5.23A	89.9%
	Forced Air Cooling	200	175	5V / 15A	12V / 10.4A	12V / 8.34A	

KEY SPECIFICATIONS

Item	Specification
Input Voltage	85 ~ 264VAC
Input Frequency	47 ~ 63Hz
Input Current	2.0 Arms @ 115VAC 0.9 Arms @ 230VAC
Inrush Current	17A peak @ 115VAC 35A peak @ 230VAC (Cold start at 25°C)
Power Factor	0.95 @ 115VAC / 0.90 @ 230VAC (Full Load)
Efficiency	Up to 89.9% (with forced air cooling)
Hold-up Time	20mS @ 115VAC, Full Load
Earth Leakage Current	0.75mA @ 264VAC/63Hz
MTBF	500,000 Hours
Safety	IEC 62368-1
EMC	Conforms to EN55032 Class B

MECHANICAL SPECIFICATION

Item	Specifications
Dimensions (L x W x H)	145 x 99 x 41 mm (5.71" x 3.9" x 1.62")
Weight	505g

*Specifications are subject to change without notice.