TG25-1200-XX

1200W AC/DC SWITCHING POWER SUPPLY

ENCLOSED



FEATURES

- Universal 85 ~ 305VAC Input Voltage.
- Operating Ambient Temperature Range: -20°C to +70°C.
- Built-in Active PFC Function.
- Output Short Circuit, Over Current, Over Voltage Protection, Over Temperature Protection.
- Standby Power 5V@1A.
- High Efficiency up to 95%.
- 3+1 Redundancy Design, Current Sharing Function.
- PG Signal and Remote Sensing Function.
- Standby Power Consumption <0.15W at 230VAC, No Load.
- Supports Digital Power Management via PMBus.
- High Power Density, Compact Size: 7.48" x 5" x 1.61".
- Operating Altitude up to 5000m.
- Safety According to IEC62368-1.

MODELS & RATINGS

Model No.	Cooling Method	Max Power (W)	Output Voltage (V)	Output Current (A)	Efficiency at 230VAC (%) Typ.	Cap. Load Max. (μF)
TG25-1200-12	Forced Air Cooling	1080	12	90	93	-
TG25-1200-24		1200	24	50	94	-
TG25-1200-36			36	33.4	94	-
TG25-1200-48			48	25	95	-
TG25-1200-54			54	22.2	95	-

KEY SPECIFICATIONS

Item	Specification
Input Voltage	85 ~ 305VAC
Input Frequency	47 ~ 63Hz
Input Current	13 Arms @ 115VAC 6.5 Arms @ 230VAC 5.7 Arms @ 277VAC
Inrush Current	30A peak @ 115VAC 60A peak @ 230VAC (Cold start at 25°C)
Power Factor	0.98 @ 115VAC 0.95 @ 230VAC
Efficiency	Up to 95%
Hold-up Time	16mS @ 115/230VAC, 70% Load
Earth Leakage Current	3.5mA @ 264VAC/63Hz
No Load Power	<0.15W @ 230VAC, no load
MTBF	300,000 Hours
Safety	IEC 62368-1
EMC	Conforms to EN55032 Class B

MECHANICAL SPECIFICATION

Item	Specifications
Dimensions (L x W x H)	190.0 x 127.0 x 41 mm
Weight (Ref.)	1250g

*Specifications are subject to change without notice.