

Feature

- 24W / 30W 12V AC-DC wall mount type
- Meet level 6 ENERGY STAR
- High MTBF
- High performance and low cost
- Over voltage protection
- Short current protection
- AC plug :
US , EU , UK , AU , 3C , PSE , BSMI , KC , BR



Applications

- Xdsl
- Cable modem
- Router

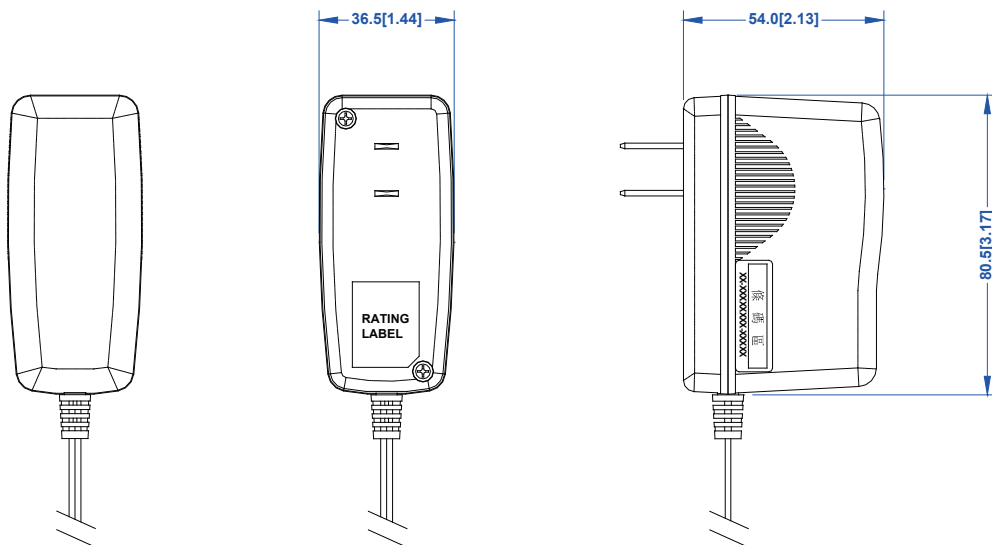
Compliances

- FCC Class B, CISPR22 Class B
- RoHS / REACH compliant
- EN55022 CALSS B



Mechanical Drawing

W	36.5mm	1.44in
L	80.5mm	3.17in
H	54mm	2.13in



Input Specifications

Parameter	Description	Range	Units
Voltage	Single-phase continuous voltage range	90-264	V rms
Frequency	AC input	47-63	Hz
Current	At 90Vac	1 (Max.)	A rms
Inrush Current	when AC input 230Vac at 25°C cold start	100	A pk
Leakage Current	At 230Vac	0.25	mA

Output Specifications

Parameter	Description	Range	Units
Wattage	Output Wattage	24 30	W
Voltage	DC voltage	12 12	V
Line Regulation	DC O/P variation caused by AC line change	±2%	V
Load Regulation	DC O/P variation caused by DC load change	±5%	V
Current Min.	Min. load required to maintain regulation	0 0	A
Current Max.	Max. load allowed to maintain regulation	2 2.5	A
Current PEAK	At AC turn on instantly	2.4 3	A
Consumption	At no load state	75	mW
Ripple & Noise	Frequency band width up to 20MHz	240 240	mVpk-pk
Transient Response	Load step of 50% full-rated load, slew rate 0.1A/us	±10%	V
Hold-up Time	AC 115V/230V and full load	8	ms
Protection	Over Voltage	180%	V
Protection	Over Current	2.4 - 8 3 - 10	A
Protection	Short Circuit	Auto-Recovery	

Environmental Specifications

Parameter	Description	
Temperature	Operating	0°C to +40°C
	Non-Operating	-40°C to +70°C
Humidity	Operating / relative humidity (non-condensing)	5% to 95%, non-condensing
	Non-Operating / relative humidity (non-condensing)	0% to 95%, non-condensing
Altitude	Operating	0 to 5,000 meters
	Non-Operating	0 to 12,300 meters