

POWERSUPPLIES

USP-500, Switching powersupply 500W



- Wide input voltage range
- U-bracket 41mm low profile
- PFC, Power factor correction
- Free air convection 400W, 500W with 23.5CFM forced air
- Remote ON/OFF control
- 3 years warranty

Technical data:

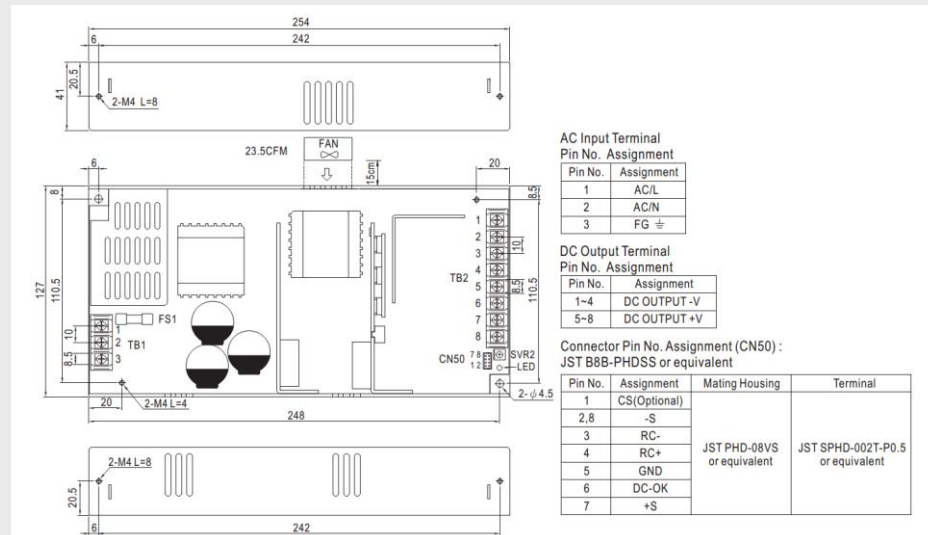
Input:

Input voltage: 90-264VAC / 127-370VDC
 Frequency: 47-63 Hz
 Input current at 230VAC: 2.6A
 Inrush current at 230VAC: 50A

Output:

Output voltage: See table
 Output current: See table
 Adjustable output voltage: +/-10%
 Overload protection: 105-130% constant current limiting for 3sec., and then shut down, re-power on to recover
 Over voltage protection: 115-135% of rated output voltage
 Line regulation: +/-0.5%
 Load regulation 0-100% load: +/-1-2% depending of model
 Ripple: 80-150mVp-p depending of model
 Efficiency: 85-90% depending of model
 Temperature range: -20°C...+70, derating depending of model
 Connection: Screw terminals, JST B8B-PHDSS for the remote control
 Size: 254x127x41mm
 Weight: 1.6kg
 Safety: UL/TÜV/CE/CB

Mechanical drawing and connection:



Ordering information:

Type	Power	Output voltage	Output current
USP-500-5	400W	5VDC	80A
USP-500-12	504W	12VDC	42A
USP-500-15	502.5W	15VDC	33.5A
USP-500-24	504W	24VDC	21A
USP-500-48	504W	48VDC	10.5A