

# POWERSUPPLIES

## USP-225, Switching powersupply, 225W



- Wide input voltage range
- U-bracket 38mm low profile
- PFC, Power factor correction
- Free air convection 150W, 225W with 18CFM forced air
- 3 years warranty

### Technical data:

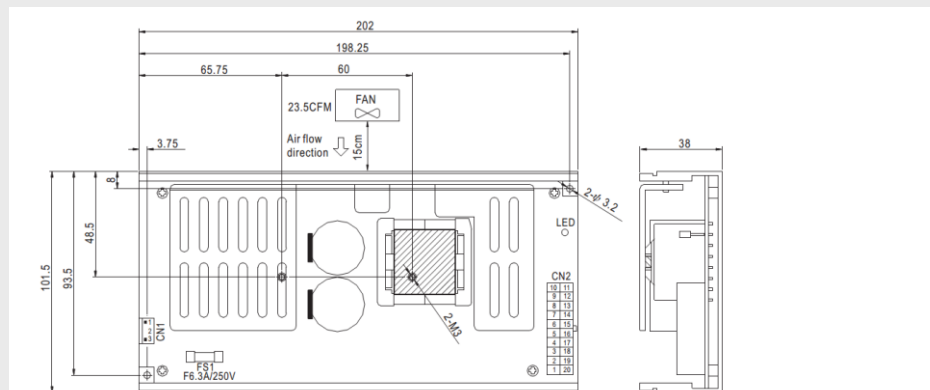
#### Input:

Input voltage:	90-264VAC / 127-370VDC
Frequency:	47-63 Hz
Input current at 230VAC:	1.6A
Inrush current at 230VAC:	35A

#### Output:

Output voltage:	See table
Output current:	See table
Adjustable output voltage:	+/-10%
Overload protection:	105-150% constant current limiting, auto-recovery
Over voltage protection:	110-135% of rated output voltage
Line regulation:	+/-0.5%
Load regulation:	+/-1%
Ripple:	100-250mVp-p depending of model
Efficiency:	72-86% depending of model
Temperature range:	-20°C...+65, derating depending of model
Connection:	JST B3P-VH and MOLEX 39-29-9206
Size:	202x101.5x38mm
Weight:	0.85kg
Safety:	UL/TÜV/CE/CB

### Mechanical drawing and connection:



AC Input Connector (CN1) : JST B3P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	AC/N	JST VHR	JST SVH-21T-P1.1
2	No Pin	or equivalent	or equivalent
3	AC/L		

DC Output Connector (CN2) : MOLEX 39-29-9206 or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1-5	+V	MOLEX 5557	MOLEX 5556
6-15	-V	or equivalent	or equivalent
16-20	+V		

### Ordering information:

Type	Power	Output voltage	Output current
USP-225-3.3	132W	3.3VDC	40A
USP-225-5	200W	5VDC	40A
USP-225-12	224.4W	12VDC	18.7A
USP-225-15	225W	15VDC	15A
USP-225-24	225.6W	24VDC	9.4A
USP-225-48	225.6W	48VDC	4.7A