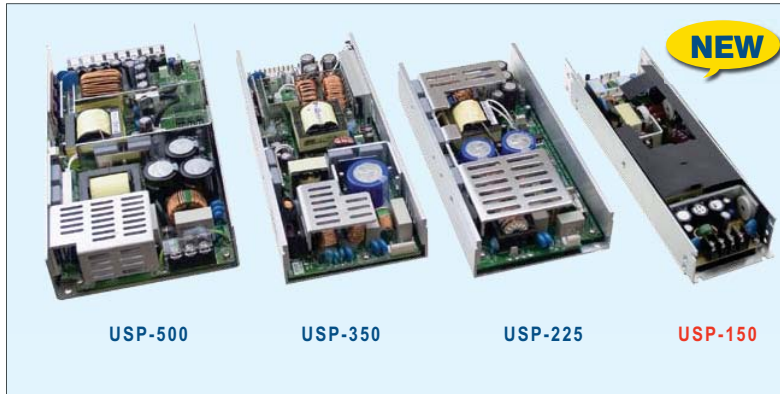


U-bracket-PFC

150~500W Single Output



Features

- Universal AC input / Full range
- Built-in active PFC
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Output wattage:
 - USP-150: 150W convection
 - USP-225: 150W convection, 225W with 18CFM forced air
 - USP-350: 300W convection, 350W with 23.5CFM forced air
 - USP-500: 400W convection, 500W with 23.5CFM forced air
- High power density: 5.5W/in³ (USP-150); 4.7W/in³ (USP-225); 6.32W/in³ (USP-350); 6.2W/in³ (USP-500)
- U-bracket low profile: 33mm(USP-150); 38mm(USP-225/300); 41mm(USP-500)
- Built-in remote ON/OFF control, remote sense, DC OK signal (USP-500)
- **Optional current sharing(1+1) for USP-500-24/48**
- 3 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)

Model No.	USP-150 NEW	USP-225	USP-350	USP-500
AC input voltage range	90~295VAC, 127~417VDC		90~264VAC, 127~370VDC	
AC inrush current (max.)	Cold start, 65A at 230VAC	15A at 115VAC, 30A at 230VAC	22A at 115VAC, 44A at 230VAC	30A at 115VAC, 50A at 230VAC
DC adjustment range	±10% rated output voltage			
Overload protection	Range	145%~185%	105%~150%	105%~130%
	Type	Hiccup mode, auto-recovery	Constant current limiting, auto-recovery	
Over voltage protection	Range	110%~135%	110%~135%	110%~140%
	Type	Shut off, AC recycle to re-start		Hiccup mode, auto-recovery
Withstand voltage	I/P - O/P: 3.75kVAC, I/P - FG: 1.88kVAC, O/P - FG: 0.5kVAC, 1 minute	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, O/P - FG: 0.5kVAC, 1 minute		
Working temperature	-30~+65°C	-20~+65°C	-10~+65°C	-20~+70°C
Vibration	10~500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes	10~500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes		
Safety standards	Design refer to UL60950-1, TUV EN60950-1	UL60950-1, TUV EN60950-1 approved		
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204			
Connection	JST: B5P-VH, 4P/7.62mm pitch terminal	20P/2.54mm pitch, Molex 39-29-9206	5+9P×2/3.96mm pitch, JST: B5P/B9P×2-VH	3+8P/8.5mm pitch terminal block with cover
Dimension (LxWxH)(mm)	215x 67.4x 33	202x 101.5x 38	235.2x 101.5x 38	254x 127x 41

150W



Model No.	Output	Tol.	R&N	Effi.
USP-150-12	12V, 0~12.5A	±2%	100mV	91.5%
USP-150-15	15V, 0~10.0A	±2%	150mV	91.5%
USP-150-24	24V, 0~6.30A	±2%	150mV	93.0%
USP-150-36	36V, 0~4.20A	±2%	250mV	93.0%
USP-150-48	48V, 0~3.20A	±2%	250mV	93.0%

350W



Model No.	Output	Tol.	R&N	Effi.
USP-350-3.3	3.3V, 0~70.0A	±2%	80mV	78%
USP-350-5	5V, 0~70.0A	±2%	80mV	84%
USP-350-12	12V, 0~29.2A	±2%	100mV	88%
USP-350-15	15V, 0~23.4A	±2%	100mV	88%
USP-350-24	24V, 0~14.6A	±2%	150mV	88%
USP-350-48	48V, 0~7.30A	±2%	150mV	89%

225W



Model No.	Output	Tol.	R&N	Effi.
USP-225-3.3	3.3V, 0~40.0A	±2%	100mV	72%
USP-225-5	5V, 0~40.0A	±2%	100mV	77%
USP-225-12	12V, 0~18.7A	±2%	100mV	83%
USP-225-15	15V, 0~15.0A	±2%	100mV	84%
USP-225-24	24V, 0~9.40A	±2%	150mV	85%
USP-225-48	48V, 0~4.70A	±2%	250mV	86%

500W



Model No.	Output	Tol.	R&N	Effi.
USP-500-5	5V, 0~80.0A	±2%	80mV	85%
USP-500-12	12V, 0~42.0A	±2%	100mV	90%
USP-500-15	15V, 0~33.5A	±2%	100mV	90%
USP-500-24	24V, 0~21.0A	±2%	150mV	89%
USP-500-48	48V, 0~10.5A	±2%	150mV	90%