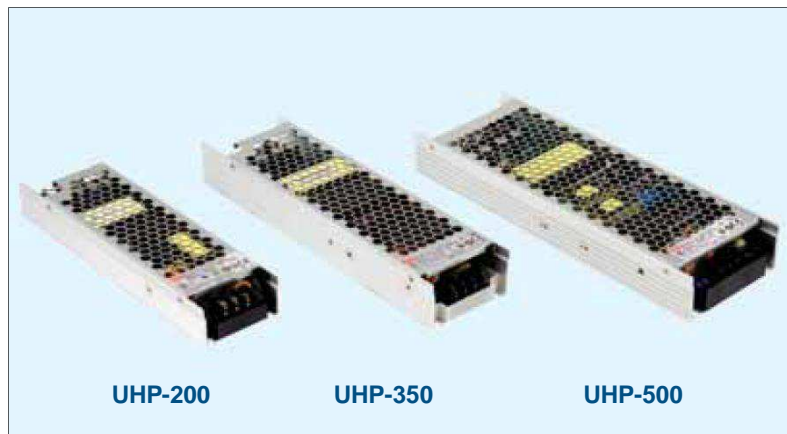


UHP Series

200W~500W Slim, Single Output with PFC



Power Supply Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Slim width and low profile (26mm, 31mm)
- Built-in active PFC (Power Factor Correction)
- 150% peak load capability (100ms)
- Fanless design, cooling by free air convection
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Optional DC OK active signal and redundant function for UHP-200R, UHP-350R, UHP-500R
- LED indicator for power on
- 3 year warranty



General Specifications



Model No.	UHP-200R	UHP-350R	UHP-500R
AC input voltage range	90~264VAC; 127~370VDC		
AC inrush current (max)	Cold start, 40A at 115VAC, 80A at 230VAC	Cold start, 30A at 115VAC, 60A at 230VAC	
DC adjustment range	±5% rated output voltage (±10% for 5V)		
Overload protection	Range	110~140%	
	Type	Hiccup mode, auto-recovery	
Over voltage protection	Range	110~140%	
	Type	Shutdown output voltage, re-power on to recover	
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 1.25kVAC		
Working temperature	-30°C ~ +70°C (refer to output derating curve)		
Vibration	10~500Hz, 5G 10min. / 1 cycle, 60min. each along X, Y, Z axes		
Safety standards	UL62368-1, TUV EN62368-1, EN60335-1(except for 55V), GB4943, EAC TP TC 004, BSMI CNS14336-1 approved		
EMC standards	EN55032, GB9254 class B, EN61000-3-2, 3, EN61000-4-2,3,4,5,6,8,11, EAC TP TC 020		
Size (LxWxH), Weight	194x55x26mm, 0.47kg	220x62x31mm, 0.68kg	233x81x31mm, 0.91kg

200W		UHP-200		
Model No.	Output	Tol.	R&N	Eff.
UHP-200-3.3	3.3V, 0~40A	±2%	150mV	89%
UHP-200-4.2	4.2V, 0~40A	±2%	150mV	90%
UHP-200-5	5V, 0~40A	±2%	200mV	91%
UHP-200-12	12V, 0~16.7A	±1%	240mV	93%
UHP-200-15	15V, 0~13.4A	±1%	240mV	94%
UHP-200-24	24V, 0~8.4A	±1%	240mV	94%
UHP-200-36	36V, 0~5.6A	±1%	240mV	94%
UHP-200-48	48V, 0~4.2A	±1%	300mV	94%
UHP-200-55	55V, 0~3.6A	±1%	360mV	94%

500W		UHP-500		
Model No.	Output	Tol.	R&N	Eff.
UHP-500-4.2	4.2V, 0~80A	±2%	200mV	89%
UHP-500-5	5V, 0~80A	±2%	200mV	90%
UHP-500-12	12V, 0~41.7A	±1%	200mV	94%
UHP-500-15	15V, 0~33.4A	±1%	200mV	94%
UHP-500-24	24V, 0~20.9A	±1%	240mV	94.5%
UHP-500-36	36V, 0~13.9A	±1%	360mV	95%
UHP-500-48	48V, 0~10.45A	±1%	360mV	95%
UHP-500-55	55V, 0~8.9A	±1%	500mV	95%

"R" type available for UHP-200 to UHP-500 with redundancy function and DC OK signal (general stock item in Australia).

350W		UHP-350		
Model No.	Output	Tol.	R&N	Eff.
UHP-350-3.3	3.3V, 0~60A	±2%	150mV	88.5%
UHP-350-4.2	4.2V, 0~60A	±2%	150mV	89%
UHP-350-5	5V, 0~60A	±2%	200mV	90%
UHP-350-12	12V, 0~29.2A	±1%	200mV	91%
UHP-350-15	15V, 0~23.4A	±1%	200mV	92%
UHP-350-24	24V, 0~14.6A	±1%	240mV	94%
UHP-350-36	36V, 0~9.75A	±1%	240mV	94%
UHP-350-48	48V, 0~7.3A	±1%	240mV	94%
UHP-350-55	55V, 0~6.3A	±1%	300mV	94%

Note:48V and 55V types can be a PoE power source.

UHP-750/1000/1500/2500 Series

750W, 1000W, 1500W, 2500W Slim Power Supply

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Fanless design, cooling by free air convection
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function
- DC OK relay output included
- 1U low profile (except UHP-2500)
- Design refer to IEC/EN/UL62368-1
- Output models: 12V, 24V, 36V, 48V
- Dimensions: 237x100x41mm(750), 240x115x41mm(1000), 290x140x41mm(1500), 310x140x60mm(2500)
- 5 year warranty, 3 year warranty (UHP-750)
- Remote on/off, programmable PV, PC (UHP-1000/1500)
- Optional PMBus or CANBus protocol (UHP-1500/2500)

