



### 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/350R/500R
- LED indicator for power on
- 3 year warranty

### General Specifications Please refer to [www.procontechtechnology.com.au](http://www.procontechtechnology.com.au) for detailed specs.



| 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)   |  | -30°C ~ +70°C       |
| 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)

