

# 480W Single Output PFC Series



- Universal AC input / full range
- PF>0.98@115VAC; >0.94@230VAC
- Built-in active PFC
- UL,TUV,CB,CE,CCC approved (refer to spec. of each series)
- Protections: overload/ over voltage/ short circuit/ over temperature
- Built in fan speed control
- Built in remote sense (option)
- Remote ON/OFF control (option)
- 5 years limited warranty
- F648C 278 × 127 × 43(mm)

AC input voltage range .....	85~264VAC (120~370VDC)
Input frequency .....	47~63Hz
Inrush current .....	cold start, 30A/115VAC, 60A/230VAC
Input leakage current .....	< 1mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Output voltage adjust range .....	± 10%
Output overload protection .....	105~115%, current limiting, auto recovery
Output over voltage protection .....	115~150%, shut off, re-power on to recover
Withstand voltage .....	I/P -O/P: 3.0KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise time .....	50ms@full load (typical)
Hold up time .....	20ms@full load (typical)
Operating temperature .....	-20°C~+70°C (refer to the derating curve)
Safety standards .....	GB4943, UL60950, EN60950
EMC standards .....	GB9254, EN55022 classB, EN55024, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method .....	fan
Weight & packing .....	1.62kg/pcs, 10pcs/CTN

Model	DC Output		Load regul.	R&N	Efficiency
HF480W-SC-12	12V	43A	0.5%	150mV	85%
HF480W-SC-15	15V	35A	0.5%	150mV	85%
HF480W-SC-24	24V	22A	0.5%	150mV	87%
HF480W-SC-48	48V	11A	0.5%	240mV	89%

\* 12~48VDC output all available.

## Drawing

