

150-180W Desktop Series

FEATURES

- ◆ Universal AC Input
- ◆ PF > 0.95 @230VAC, Full Load
- ◆ Over Voltage Protection
- ◆ Overload and Short Circuit Protection
- ◆ Fanless, Convection Cooled
- ◆ Meet CEC Efficiency Level V
- ◆ ON/OFF AC Control Switch
- ◆ Class I / Class II Insulation



SPECIFICATIONS

Input Voltage Range.....90~264VAC
 Input Current (rms).....2.3A Max.
 Efficiency.....85% type.@ full load, vin=230V
 Output Voltage.....See model list
 Voltage Regulation.....± 5% ~ ±3%
 Withstand Voltage.....I/P-O/P: 3000 VAC (Class II)
 I/P-O/P(V+): 4242 VDC, I/P-FG: 2121 VDC (For Class I)
 Operating Temperature.....-10°C ~ +50°C
 (derated linearly from 100% load @ 40°C to 75% load @ 50°C)
 Storage Temperature.....-20°C ~ 85°C
 Operating Humidity.....20% to 90% RH
 Protections.....OVP, OLP, Short Circuit Protection
 CoolingConvection-cooled
 Safety Standard.....IEC/UL/EN60950-1,CE, CB
 EMC Standard.....(EN55022, CISPR22, FCC Part 15) Class B
 EN6100-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024
 Standard Output Connector.....4 pin power din (FMP02-4P)
 Standard Output Cable/Length.....UL 1571 or UL1185
 All specifications are typical at nominal line, full load and 25°C.
 unless otherwise noted.



| Part Number | Output Voltage (V) | Output Current (A) | Total Reg. | Ripple Noise (V) | Max. Watts |
|-------------|--------------------|--------------------|------------|------------------|------------|
| A120100FR1 | 12V | 10.0A | 5% | 0.5% | 120W |
| A120125FR1 | 12V | 12.5A | 5% | 0.5% | 150W |
| A150080FR1 | 15V | 8.0A | 5% | 0.5% | 120W |
| A150100FR1 | 15V | 10.0A | 5% | 0.5% | 150W |
| A180083FR1 | 18V | 8.33A | 5% | 0.5% | 150W |
| A190079FR1 | 19V | 7.89A | 5% | 0.5% | 150W |
| A240063FR1 | 24V | 6.25A | 3% | 0.5% | 150W |
| A240075FR1 | 24V | 7.50A | 3% | 0.5% | 180W |
| A360042FR1 | 36V | 4.16A | 3% | 0.5% | 150W |
| A360050FR1 | 36V | 5.00A | 3% | 0.5% | 180W |
| A480031FR1 | 48V | 3.12A | 3% | 0.5% | 150W |
| A480038FR1 | 48V | 3.75A | 3% | 0.5% | 180W |

MECHANICAL DRAWING

