



## ARFS-80 SERIES

80 Watt Switching Power Supply



### Features:

- 80 Watt **Convection Cooled** Operation
- High Density Package of **3 x 5 x 1.08"**
- **>90% Efficiency** Operation
- High Reliability **>220k Hours**
- International Safety Approvals
- Integrated OR'ng Diodes
- 1+1 Redundant Operation
- 48V Models offer wide 44~58V Adjustment
- 3 Year Warranty



### Input Specifications:

- Universal AC Input (90-264VAC / 47~63Hz)
- Active Power Factor Correction
- Less than 300µA Leakage Current
- >90% Operational Efficiencies

### Output Specifications:

- ±10% Adjustment Range
- No Minimum Load
- 1+1 Redundant Operation with Internal OR'ng Diodes
- Ripple less than ±1% pk-pk maximum
- Over-Current / Over-Voltage / Over-Temp Protection

### Environmental Specifications:

- 0~70°C Convection Cooled Operation  
(Derate 2.5%/°C >50°C)
- -40~+85°C Storage Temperature
- 5~95% Humidity (non-condensing)
- >200k Hours MTBF per MIL-HDBK 217F

### Safety / Emissions:

- EN55011 / EN55022 Level B Emissions
- UL/cUL 60950-1 Safety Approval
- CB Report (EN60950-1)
- CE Mark (LVD)

Model Numbers	Output (VDC)	Current
ARFS-0811-1200	12 V	6.7 A
ARFS-0811-2400	24 V	3.3 A
ARFS-0811-4800	48 V	1.7 A

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