



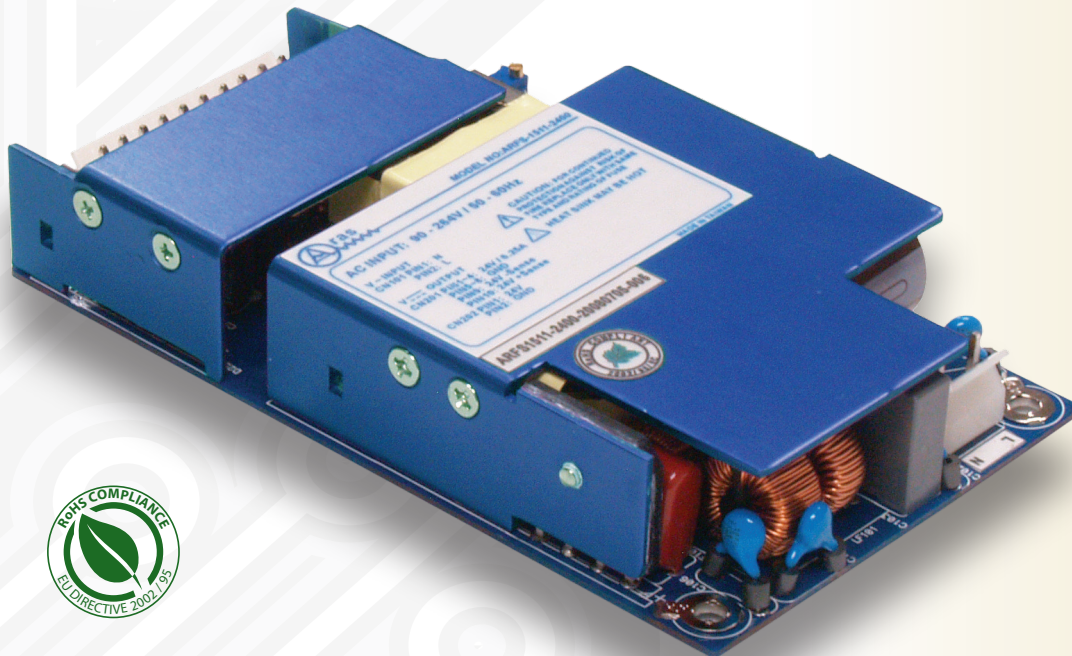
ARFS-100 SERIES

100 Watt Switching Power Supply



Features:

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



Input Specifications:

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

Output Specifications:

- $\pm 5\%$ Adjustment Range
- No Minimum Load
- 1+1 Redundant Operation with Internal OR'ng Diodes
- Ripple less than $\pm 1\%$ 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-1011-1200	12 V	8.3 A
ARFS-1011-2400	24 V	4.2 A
ARFS-1011-4800	48 V	2.1 A



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