



ARM-700 SERIES

700 Watt Front End Power Supply



Features:

- 700 Watt **Hot-Swap / Redundant** Front End
- Universal AC Input with Active Power Factor Correction
- **84% Efficiency** (minimum)
- High Density 12.8 x 2.99 x 1.57" Package
- Analog and I²C Status & Control Interface
- **5V @ 4.0A** Standby Voltage for Housekeeping Circuitry
- Front-Panel IEC-320 Inlet
- Integrated **OR'ng Diodes**
- 3 Year Warranty



Input Specifications:

- Universal AC Input (90~264 VAC / 47~63Hz)
- Active Power Factor Correction
- 84% Operational Efficiencies (minimum)

Output Specifications:

- No Minimum Load
- $\pm 3\%$ Regulation (Line / Load / Temp max)
- 1+1 Redundant Operation with Internal OR'ng Diodes
- Ripple less than $\pm 1\%$ pk-pk maximum
- Over-Current / Over-Voltage / Over-Temp Protection
- 5V @ 4.00A Standby Voltage
- See specification for Analog and I²C Status & Control

Environmental Specifications:

- 0~70°C Convection (Internal Ball Bearing Fan)
(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
ARM-7012-00	12 V	56 A

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