



Delivering Reliable Power Solutions for Your Mission
Critical Avionics and Defense/COTS Applications

Trusted • Innovative • Reliable



READ OUR INFORMATIVE BLOGS

How to protect equipment operating from a 28Vdc vehicle source



Chip Vs. Solution



i Series DC-DC Converters

- Wide Input Voltage range
- Wide Output Voltage Adjustment Range
- Scalable Power Solutions via Common Pin-Out's
- Efficiencies up to 98%
- Cooling Options: Heatsink, baseplate and ruggedized
- Lightweight Design-Ideal for Payload Applications

Board Mounted Brochure



PFE Series AC-DC Power Module

- 300 to 1800 W, High Power Density
- -40 to 100°C Operating Baseplate Temperature
Designed for Rugged and Sealed Box Environments
Fan-less, Conduction Cooling
- PMBus™ (I²C) for Telemetry (See PFE1500/1800)400Hz Operation See (PFE1500/1800)3
- 400Hz Operation See (PFE1500/1800)

PFE Datasheets



HQA Series MIL-COTS DC-DC Converter

- 85 W and 120 W Offering
- 9 – 40 Vdc Input
- 3.3, 5, 12, 24, 28, 48 Vdc Outputs
- 2250 Vdc Isolation / 70,000 ft Operating Altitude
- -55 to 115 °C Operating Baseplate Temperature
- MIL-STD-461(F,G); 1275(D,E); 704(A-F) with FQA/FQB Filter

HQA85 Datasheet

HQA120 Datasheet

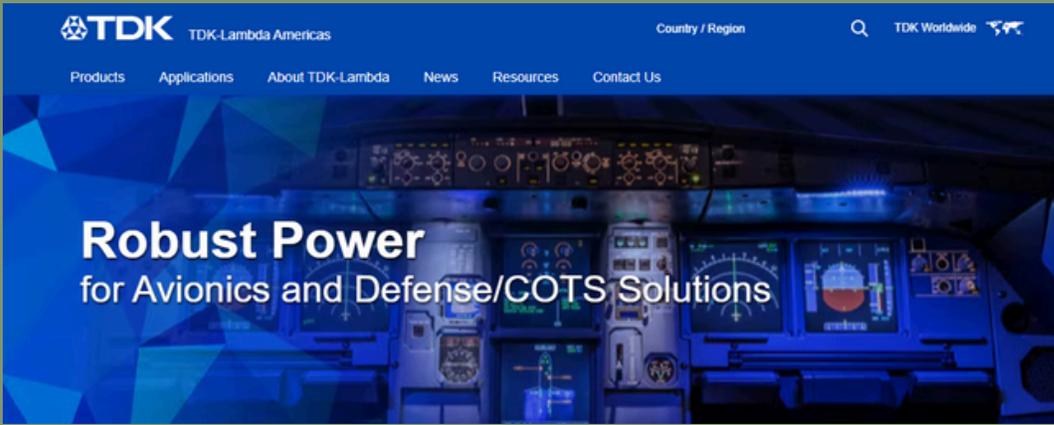


FQA/FQB Series Filter Module

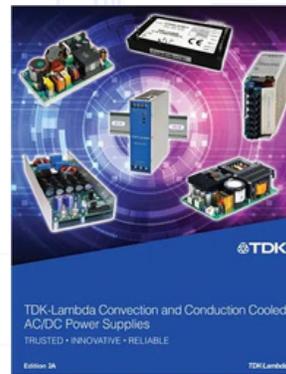
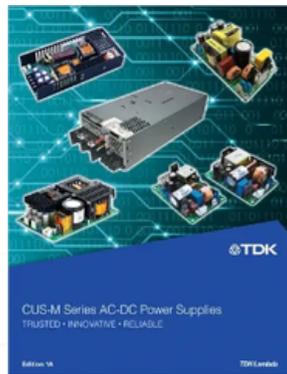
- 20A / 40 Vdc Passive (FQA) or Active (FQB) Filter
- Input and Output On/Off; Reverse Polarity Protection
- Filtering for Compliance to MIL-STD-461 (F,G)
- -55 to 115 °C Operating Baseplate Temperature
- MIL-STD-1275(D,E); 704(A-F); RTCA/DO-160G Input Spike and Surge Suppression

FQA Datasheet

FQB Datasheet



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CONTACT US



619-575-4400



tla.powersolutions@tdk.com



www.us.lambda.tdk.com



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power is TDK-Lambda!*