

FP VME Series – VME Form Factor Power Sources

- Single and multiple outputs
- 270 Vdc MIL-STD-704E/F
- 28 Vdc MIL-STD-704E/F
- 2N Redundant outputs



FP548

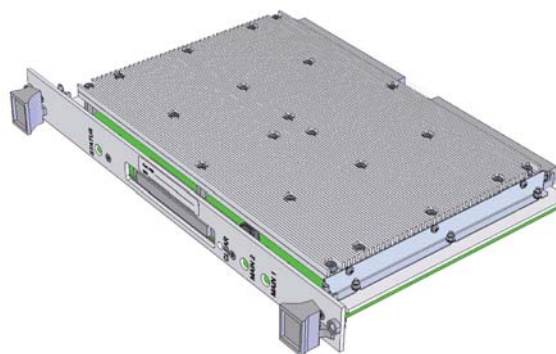
380 Watt Ruggedized VME Single 270 V Output

- 28 V input (MIL-STD-704E/F)
- 270 V, 380 W isolated output
- MIL-STD-461E CE101, CE102, CS101, CS114, CS115, CS116
- Conduction cooled

FP574

336 Watt Ruggedized VME Triple Output +5 V (2N Redundant), ± 12 V

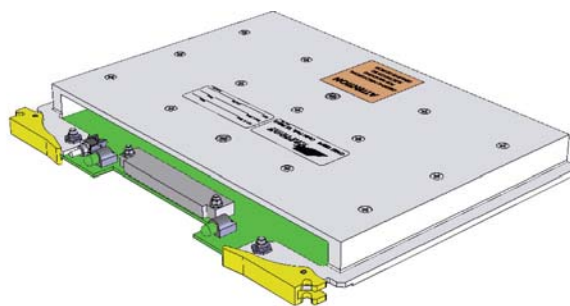
- 270 V input (MIL-STD-704E/F)
- 5 V, 300 W 2N redundant output
- ± 12 V, 18 W linear output (powered from separate ± 15 V inputs)
- Can be used as a 600 W output without redundancy
- Hardware voltage monitoring
- Hardware overtemperature shutdown
- Latched fault indicators
- MIL-STD-461E CE101, CE102, CS101, CS114, CS115, CS116



FP576

200 Watt Ruggedized VME 5 V Output (2N Redundant)

- 270 V input (MIL-STD-704E/F)
- 5 V, 200 W 2N redundant output
- Can be used as a 400 W output without redundancy
- Hardware voltage monitoring
- Latched fault indicators
- MIL-STD-461E CE101, CE102, CS101, CS114, CS115, CS116



FP VME Series – VME Form Factor Power Sources

Configuration FP548 – Single 270 V output

Output Voltage (V)	Power (W)		Current (A)		Ripple + Noise ^[b] (mV p-p)		Voltage Tol. (%)		Line + Load Regulation (%)		Efficiency (%)		Input Voltage (V)
	Cont.	Surge ^[a]	Cont.	Surge ^[a]	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.	
270	380.0	561.6	1.41	2.08	59	200	±0.3	±1.5	±0.02	±1.5	88	80	18 – 36

Configuration FP574 – Single 5 V output with full (2N) redundancy

Output Voltage (V)	Power (W)		Current (A)		Ripple + Noise ^[b] (mV p-p)		Voltage Tol. (%)		Line + Load Regulation (%)		Efficiency (%)		Input Voltage (V)
	Cont.	Surge ^[a]	Cont.	Surge ^[a]	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.	
5	200	300	40	60	56	150	±1	±2	±0.05	±0.5	82	80	180 – 375

Configuration FP576 – 5 V output with Full (2N) redundancy, with linear ±12 V

Output Voltage (V)	Power (W)	Current (A)	Ripple + Noise ^[b] (mV p-p)		Voltage Tol. (%)		Line + Load Regulation (%)		Efficiency (%)		Input Voltage (V)
	Cont.	Cont.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.	
5	300	60	37	150	±1	±2	±0.05	±1	82	80	180 – 375
12	18	1.5	9	120	±0.7	±2	±0.8	±2	0.8	-	13.5 – 40
-12	18	1.5	5	120	±0.7	±3	±0.8	±2	0.8	-	-13.5 – (-40)

^[a] Single event less than ten seconds in duration.

^[b] At full load. Measurement BW = 20 MHz.