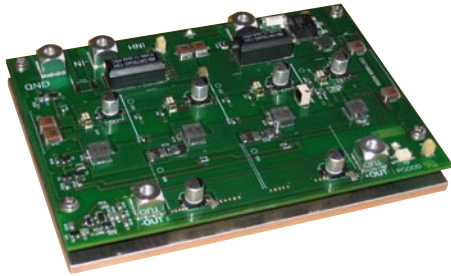




FAB0710008



Features

- ▶ 135 * 96 * 21 mm
- ▶ Vin : 18-36Vdc
- ▶ Output : 24V
- ▶ Pout max : 450W
- ▶ Conduction cooled



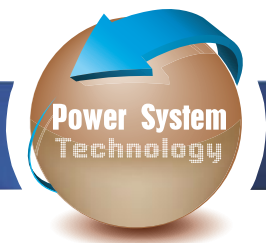
INPUT

Voltage range : 18-36Vdc 30A Fuse
 Input protection : Transient DO160E, +600V/10 μ s, MIL-STD704 (protected by VDR)
 Inverse polarity: protected by fuse

OUTPUT

Voltage : 24V / 18,75A
 Power : 450W
 Current limit, short circuit : protected output (automatic restart)
 Overvoltage : protected on output

			Conditions
	Typ.	Max.	
Line regulation	0,2 %		Low line to high line ; 40 %
Load regulation	3,5 %	3,7 %	0 % to full load
Ripple and noise	1,8 %		Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	144 %		Vout : 95 % of nominal. Automatic restart



▼ Signal

Powergood : Isolated output monitor : Open collector closed if OK, HZ if output below 2 % of nominal.
Inhibit : Use isolated short-circuit (relay, optocoupler)
(open => converter ON, closed => converter OFF)

▼ Environmental

Storage temperature : -55°C to +85°C
Operating temperature : -40°C to +55°C ambient
-40°C to +100°C max. baseplate temp.

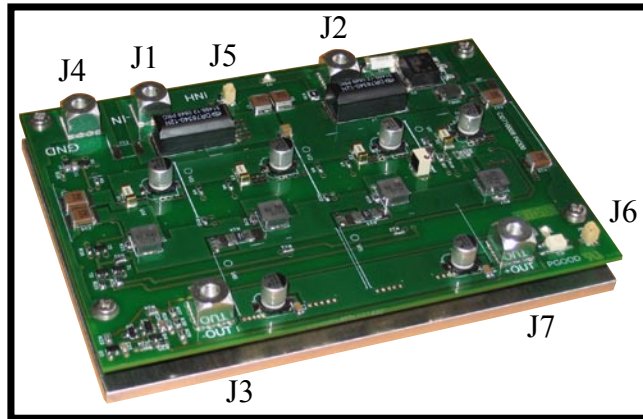
▼ Isolation

Input to Ground : 2120 Vdc
Input to Output : 4240 Vdc (not 3000Vac)
Output to Ground : 2000Mohm / 500V
Powergood to Ground : 2120 Vdc



▼ **Mechanical**

Weight : 1360g



**M4 screw terminals
& JST BM02B-SRSS-TB**

	DESCRIPTION
J1	-IN
J2	+IN
J4	Ground
J5	Inhibit
J7	+OUT
J3	-OUT
J6	PGOOD (1 : Pgood+ ; 2 : Pgood-)