



### FEATURES

226 x 110 x 63 mm  
 INPUT : 115/220Vac autoselect 47-63Hz  
 OUTPUT : 30V 200W  
 Efficiency : 83 % typ.  
 Convection cooled (cold plate)



### APPLICATIONS

Defence : Missile launcher simulator

### INPUT

Voltage range : 90-132Vac / 180-264Vac autoselect single phase  
 47-63Hz  
 passive PFC incorporated EN61000-3-2

Input protection : fuse 4A  
 transient and surges protected  
 inrush current

### OUTPUT

Voltage : 30V +/- 1%  
 Current : 8,9A nominal

|                              | OUTPUT                       |                          | Conditions                                   |
|------------------------------|------------------------------|--------------------------|--|
|                              | Typ.                         | Max.                     |  |
| <b>Line regulation</b>       | 0,02 %                       | 0,2 %                    | Low line to high line ; full load            |
| <b>Load regulation</b>       | 0,5 %                        | 1 %                      | No load to full load                         |
| <b>Ripple and noise</b>      | 0,5 %                        | 1 %                      | Peak to peak, nom. Input ; full load         |
| <b>Current limit</b>         | 105 to 135 %<br>of I nominal |                          | Vout = 95% of nominal ;<br>Automatic restart |
| <b>Short circuit current</b> | 115 %<br>of Iout nominal     | 140 %<br>of Iout nominal |  |

**ENVIRONMENTAL**

Storage temperature : -55°C to +125°C

Operating temperature in natural convection : -40°C to 90°C baseplate temperature  
(chassis mounted)

**ISOLATION**

Input to chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4240 Vdc

**GENERAL**

**Safety :** built to meet EN60950

**EMI :** built to meet MIL STD461C, conducted.

**MECHANICALS**



**INPUT : SUBD 9 pts female**

| CN1         | DESCRIPTION |
|-------------|-------------|
| PIN 3       | Earth       |
| PIN 1 and 6 | AC/L        |
| PIN 5 and 9 | AC/N        |

**OUTPUT : SUBD 9 pts male**

| CN2        | DESCRIPTION |
|------------|-------------|
| PIN 6 to 9 | + 30V       |
| PIN 1 to 5 | 0V          |

