

# PDCDC724

MIL GRADE INVERTER DC-DC 300-600V<sub>in</sub> 24V<sub>out</sub> 50A



## FEATURES

### Input voltage

Range: 300+600Vdc

### Efficiency

93%

### Input protections

- Fuse protection
- Inrush current
- Over voltage VDE 0110
- EMI filter
- Varistor

### Dimension

Width 433 mm

Height 89 mm (2U, 19")

Depth 465 mm

- Short circuit protection
- Over current protection
- Over temperature protection
- Over voltage protection

**Output power max**  
1200W

**Operating temperature**  
0°C to 55°C

**Storage temperature**  
-20°C to 70°C

**Humidity**  
<95% not condensed

**Dielectric withstand voltage**  
• Conform

### Isolation

- VDE 0413

### Comply with

- STANAG 1008
- EN 60950-1
- CE 101
- CE 102
- CS 101
- RE 101
- RE 102 (Navy Fixed)
- RS 103 (Ship Metallic)
- @SHOCK
- MIL-STD810
- @VIBRATION
- MIL-STD167 1A
- CS 114

### Cooling

Air Cooling with fans from front to rear

Liquid cooling (OPTION TBD)

### Weight

<30Kg

### MTBF

- 150kHrs

### CONNECTIONS

Input:

- TBD

Output:

- TBD

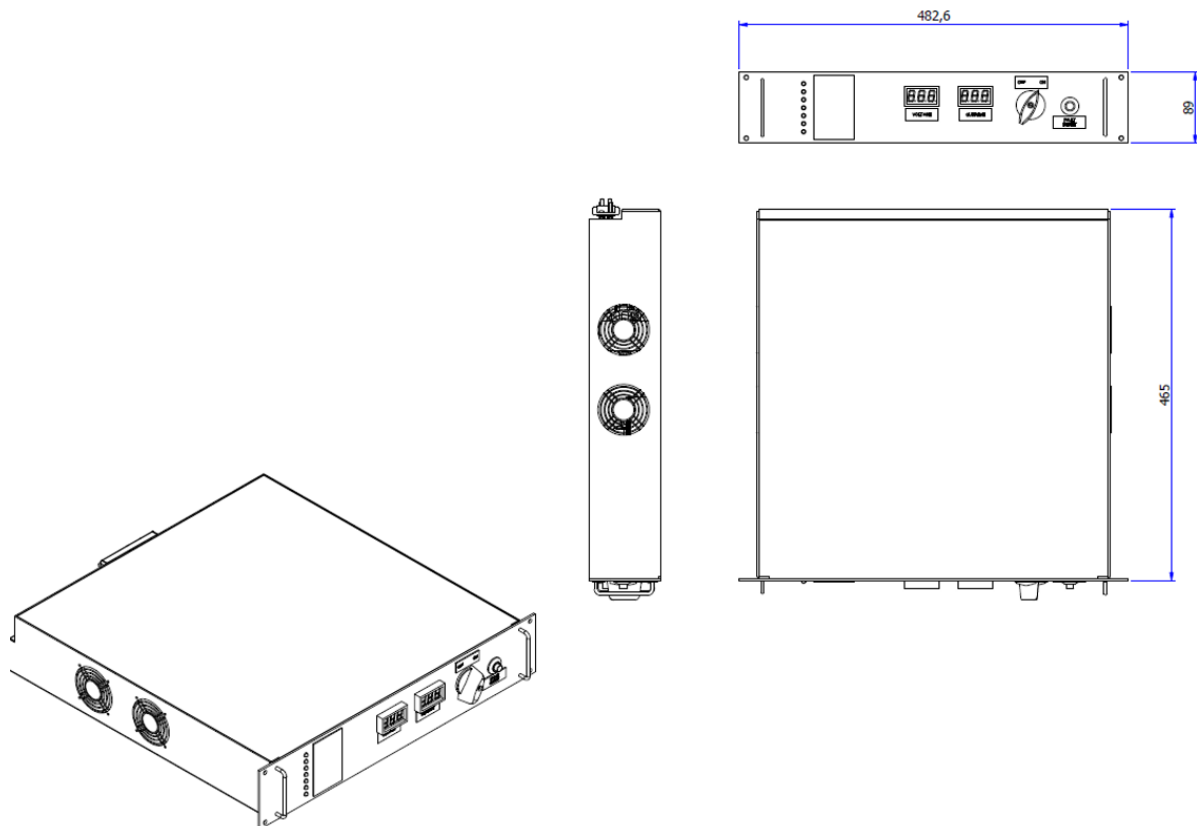
Signal:

- TBD

### Manufacture comply with:

- REACH
- RoHS
- CE
- SPL < 43db
- Shock 10g / 11ms, half sine

Vout [V]	Iout [A]		Line regulation VIN(min÷max)	Load regulation (10÷100%)	Ripple & Noise (0÷30MHz)
24	50A		±0.1	±1	1



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