

# PDCAC811525

MIL GRADE INVERTER DC-AC 300-600V<sub>in</sub> 115V<sub>out</sub> 2500VA



## FEATURES

### Input voltage

Range: 300+600Vdc

### 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

### Parallel Link:

The parallel operation is possible up to 2 units with a two fiber optic link

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

### Output power max

2500 VA

### 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
- DIN VDE 0110 Class III p.g.2
- Ripple Voltage  $\leq 2\%$  at 2880 Hz
- VDE 0160 item 7.3.1.2

### 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

Lateral Air Cooling flow IP23 from front to rear (OPTION TBD)  
Liquid cooling (OPTION TBD)

### Weight

<30Kg

### CONNECTIONS

Input:

- TBD

Output:

- TBD

Signal:

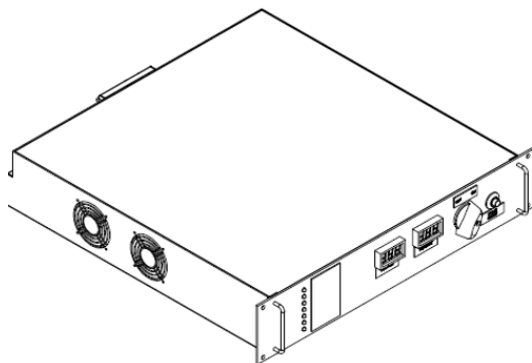
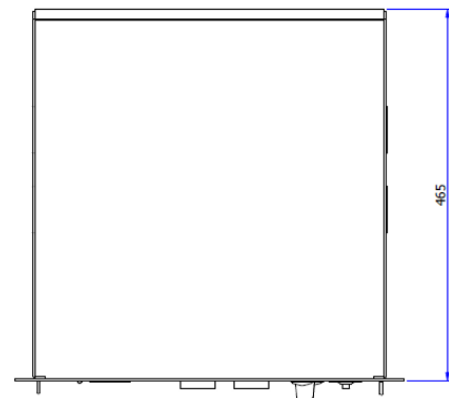
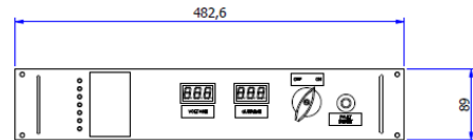
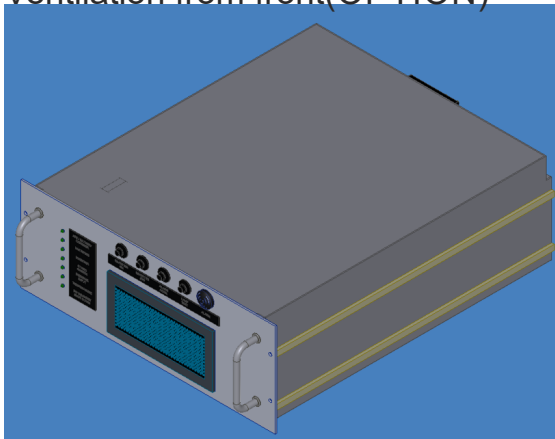
- TBD

### Manufacture comply with:

- REACH
- RoHS
- CE
- SPL < 43db
- Shock 10g / 11ms, half sine
- Shock 22g / 11ms, half sine(OPTION)

| Vout [V]     | Power out [VA] |
|--------------|----------------|
| 115V<br>60Hz | 2500VA         |

Ventilation from front(OPTION)



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