

## Product Description:

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### LCU – Local Control Unit

#### Description:

The Local Control Unit is rugged military grade system, 19" standard, able to supply and interfacing up to six unit.

The LCU monitors and distributes the input 3PH 115V 60Hz to six outputs moreover generates two 28Vdc to supply dc units.

The internal control board applies the right startup sequence to the output and manage the light signals to front panel for human interface.

The LCU interfaces the UPS to manage the shutdown procedure in case of power failure and a remote control panel to manage the system remotely.

The fan unit cools the system, the operative temperature range is  $[0 \div +50]^{\circ}\text{C}$ , the storing range is  $[-40 \div +71]^{\circ}\text{C}$ .

Designed to be installed on telescopic guides the make easier the insertion and the connections during the installation or the maintenance activities, it houses the circuits breaker on front panel to interrupt input and output voltages before operations.

Fully qualified MIL-STD-810F and MIL-STD-461F the PSD RU is suitable for applications that require clean and reliable ac power in military environment (Naval Sheltered).

Environmental Stress Screening service available on demand.



#### Key Specifications:

- Rugged military grade rack unit (standard 19")
- 3PH 115V 60Hz input voltage (STANAG 1008 compliance)
- Six 3PH 115V 60Hz (2.700VA total) and two 28Vdc (200VA each) output power supplies
- Startup and shutdown programmable sequence by the internal control board
- Alarm lights and circuit breakers on front panel
- UPS interface and remote control interface
- $[0 \div +50]^{\circ}\text{C}$  operative temperature range and  $[-40 \div +71]^{\circ}\text{C}$  storing range
- Telescopic guides for installation and maintenance
- Fully qualified MIL-STD-810F and MIL-STD-461F
- Dimensions (h x l x d) 126x432x590 (mm)
- Weight 25 kg