



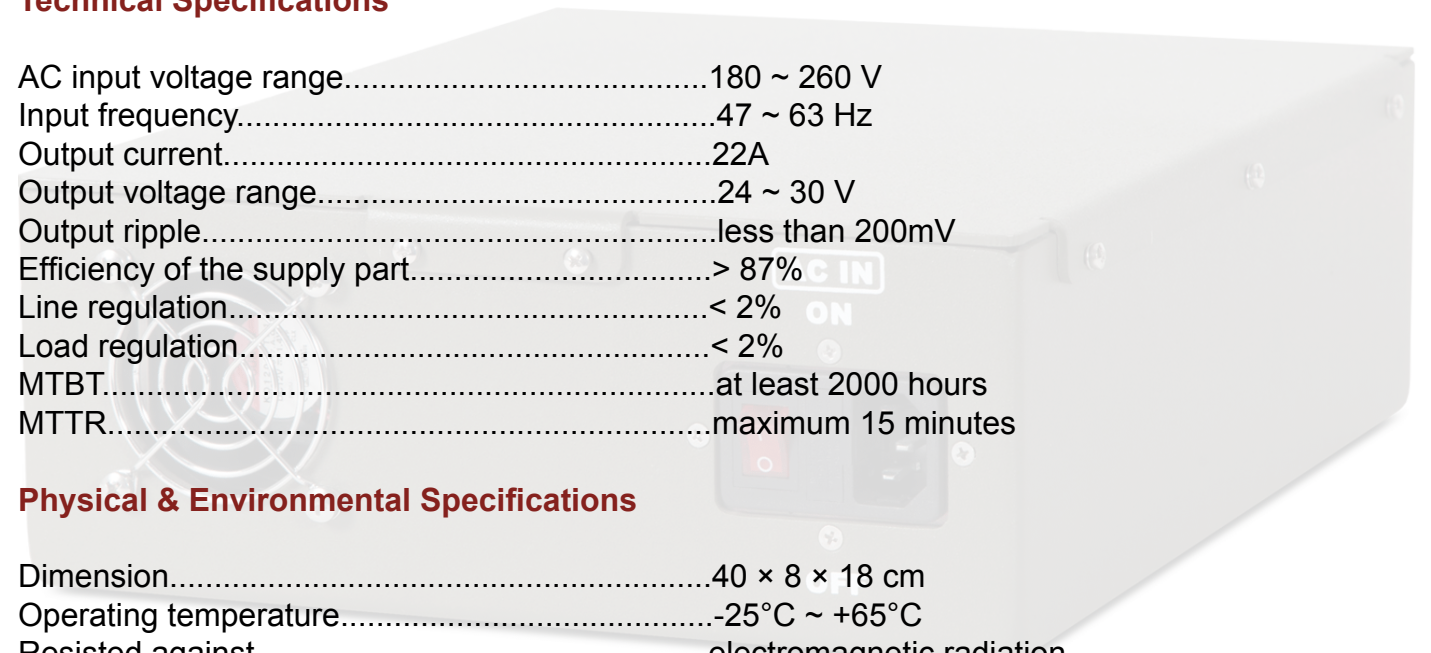
PWS-131/E

Switching Power Supply

PWS-131/E is a switching power supply designed and manufactured to provide proper noiseless supply voltage for communication radios and equipment as primary need of military communication systems.

Benefitting from high-tech switching for preventing output voltage from dropping while antenna propagation or high power status is one important capabilities of the system so that it provides up to 22A current easily. Modularity, low weight/size, and easy operation are other capabilities of the PWS-131/E.

Technical Specifications



AC input voltage range.....	180 ~ 260 V
Input frequency.....	47 ~ 63 Hz
Output current.....	22A
Output voltage range.....	24 ~ 30 V
Output ripple.....	less than 200mV
Efficiency of the supply part.....	> 87%
Line regulation.....	< 2%
Load regulation.....	< 2%
MTBT.....	at least 2000 hours
MTTR.....	maximum 15 minutes

Physical & Environmental Specifications

Dimension.....	40 × 8 × 18 cm
Operating temperature.....	-25°C ~ +65°C
Resisted against.....	electromagnetic radiation
Environmental standard.....	MIL-STD-810F