

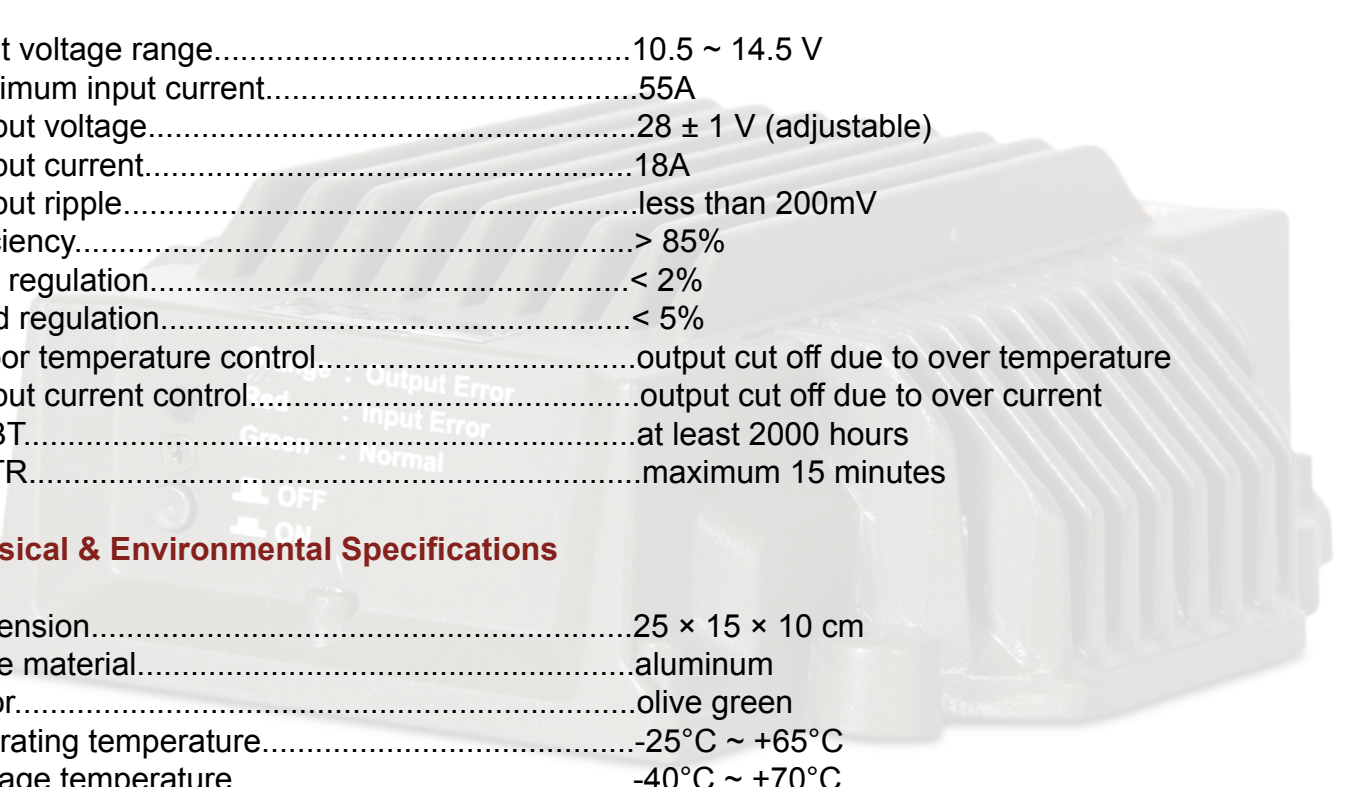


CON-110/E

Voltage Converter

CON-110/E is a Set Up Converter designed and manufactured for increasing level of vehicle battery voltage from 12V to proper voltage level used in various military radios that include nominal input voltage of 28V. DC input of this converter is 10 ~ 15 V and its output is 28V.

Technical Specifications



Input voltage range.....	10.5 ~ 14.5 V
Maximum input current.....	55A
Output voltage.....	28 ± 1 V (adjustable)
Output current.....	18A
Output ripple.....	less than 200mV
Efficiency.....	> 85%
Line regulation.....	< 2%
Load regulation.....	< 5%
Indoor temperature control.....	output cut off due to over temperature
Output current control.....	output cut off due to over current
MTBT.....	at least 2000 hours
MTTR.....	maximum 15 minutes

Physical & Environmental Specifications

Dimension.....	25 × 15 × 10 cm
Case material.....	aluminum
Color.....	olive green
Operating temperature.....	-25°C ~ +65°C
Storage temperature.....	-40°C ~ +70°C
Humidity.....	90% in temperature of + 30°C
Maximum acceptable altitude.....	4000m
Environmental standard.....	MIL-STD-810F