

11kW Auxiliary Power Unit (APU) for DUMA Radar Vehicle



Ref. DUMA-APU

APU SPECIFICATION

Output Power Capacity	11kW; 230VAC; 50Hz @ 0.8PF (Derated)
Input Voltage	28 VDC
Ambient Operating Range	-32°C to 55°C
Altitude Operating Range	0m to 3600m
Electromagnetic Interference	MIL-STD-461G
Shock and Vibration	MIL-STD-810
Weight and Dimensions	1304kg (2340mm W x 798mm D x 1138mm H)
Fault Finding	HMI / Bluetooth
Engine	Kubota 4 Cylinder Diesel Turbo Charged
Fuel Tank	72ℓ fuel tank for 8hr continuous operation with Explo Control
Batteries	Vehicle - APU equipped with DC Alt to charge vehicle batteries.
Combustion Air Intake Filter	Efficient dust cyclones + secondary pleated media dust filter
System Redundancy	System backup power; 2kW DC to AC Inverter (MIL spec)
Lift Pump	Facet electronic pump
Control	Master HMI on APU