

APU PN	502-9900
Engine Manufacturer	Hatz (Germany)
Engine Model	1B50 air-cooled, 8 kW(ICFN)
Engine Over Speed Protection	3000 rpm
Alternator Type	Compact Permanent Magnet, PMG
Type of Coupling	Directly mounted on flywheel
Alternator Electrical Power (Max)	5kW @ 28Vdc per MIL-STD-1275D
Alternator Manufacturer	MLS
Alternator Current Limit	180 Amps
Alternator Speed	1400 – 2800 rpm
Alternator Cooling	Air (Using engine cooling Fan)
Sand and Dust	MIL-STD-810F
EMC	MIL-STD-461E
Fuel Consumption	1.92 l/hr @ 5kW power output
Noise Level	< 78dB
Operation Temperatures	-32 ~+55°C (-25.6 ~ 131°F)
Low Temperature Startup	3 automatic start attempts, Air and Oil heaters, manual start handle
Protection	reverse polarity, over current, over voltage, over temp switch, low oil pressure switch, emergency kill switch
Dimensions (LWH)	620 x 500 x 450 mm
Enclosure	Aluminum
Weight (with enclosure)	~ 95 kg
CANBus	CAN 2.0
Application	Wheel vehicles, Military trucks, Genset, etc

