

APU PN	505-9900
Engine Manufacturer	Farymann (Germany)
Engine Model	18W water-cooled, 4.7kW(ICFN)
Engine Over Speed Protection	3600 rpm
Alternator Type	Compact Permanent Magnet, PMG
Type of Coupling	Directly mounted on flywheel
Alternator Electrical Power (Max)	4kW @ 28Vdc per MIL-STD-1275D
Alternator Manufacturer	MLS
Alternator Current Limit	107 Amps
Alternator Speed	2800 – 3400 rpm
Alternator Cooling	Liquid (Using engine coolant)
Fluid	50/50 Ethglycol/Water
Sand and Dust	MIL-STD-810F
EMC	MIL-STD-461E
Fuel Consumption	1.55 l/hr @ 3kW power output
Noise Level	< 75dB
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)	675 x 450 x 720 mm
Enclosure	Aluminum
Weight (with enclosure)	~ 115 kg
CANBus	CAN 2.0
Application	Wheel vehicles, Military trucks, Genset etc

