

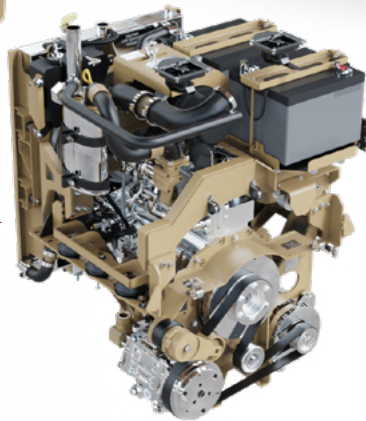
M109 Howitzer APU



21kW AUXILIARY POWER UNIT FOR M109 HOWITZER



Internal Components



Vehicle Installation



Controller/HMI Panel

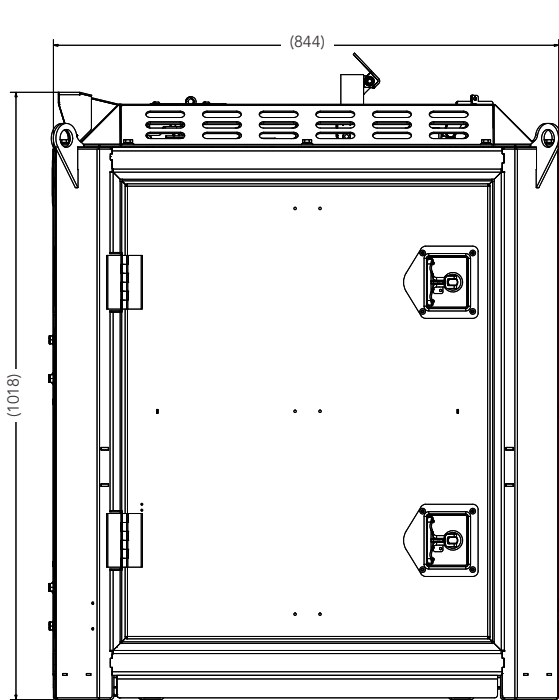
Ref. M109APU

SPECIFICATION

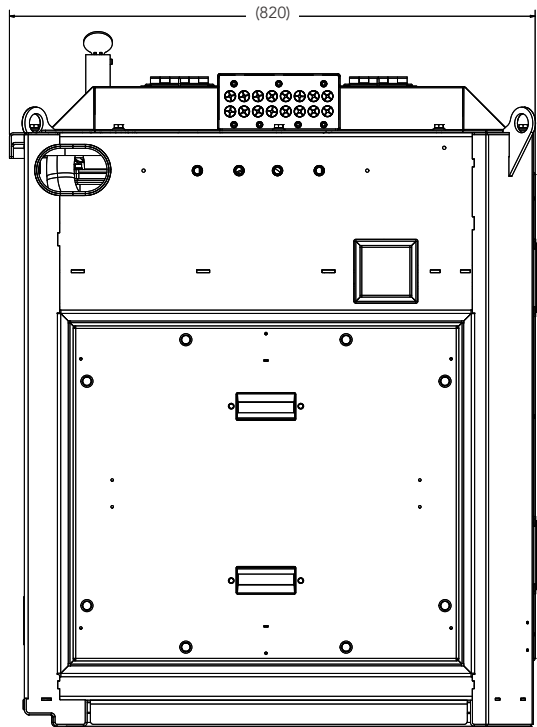
Output Power Capacity	21kW derated @ 2600rpm in 55°C Ambient
Operating Envelope	-10°C to 55°C
Fuel	10 Hours (80 Litres)
28VDC Output Power	230A @ 55°C (Brushless Alternator)
Fault Finding	HMI / Bluetooth
Weight	550kg
Dimensions	850mm W x 820mm D x 1020mm H
Batteries	28V 190Ah onboard or switch over to vehicle
Start Up	Remote Automatic from HMI
Dust Filtration for Combustion Air Intake (designed for 500mg/m³ sand & dust)	95% efficient cyclones with exhaust venturi + secondary pleated media dust filter
Load Control	Dynamic engine speed control to match load

FRONT, SIDE AND TOP VIEW

(Max Overall Dimensions 0,85 m wide x 0,82 m deep x 1,02 m high, weight 550kg)

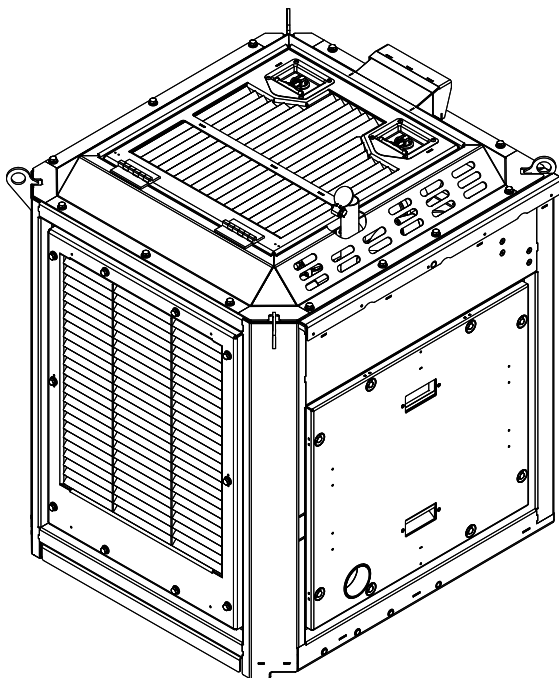


FRONT VIEW

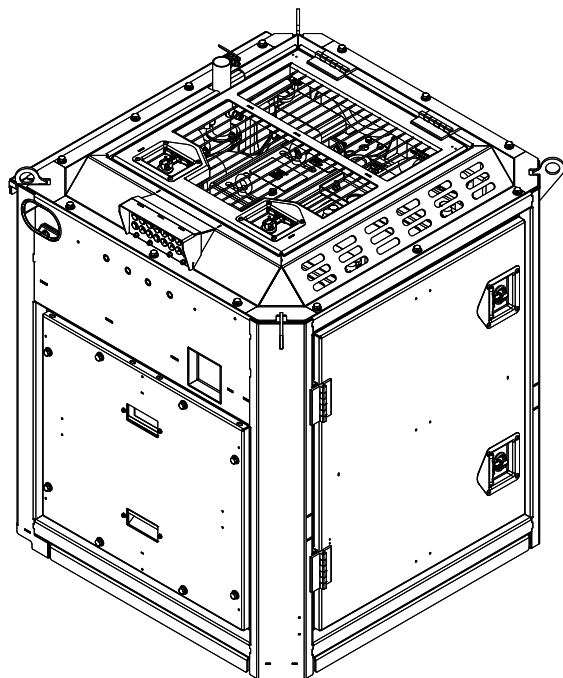


LEFT VIEW

ISOMETRIC VIEWS



FRONT ISOMETRIC VIEW



REAR ISOMETRIC VIEW