

GENERATOR SET, DIESEL ENGINE, 3kW, 60Hz																																																																	
	TAMCN: B0730																																																																
	ID: 10155A																																																																
	NSN: 6115-01-285-3012																																																																
Functional Description																																																																	
<p>The 3kW TQG Generator Set, MEP-831A, is a self-contained, skid mounted, portable unit. It is equipped with controls, instruments and accessories necessary for operation. The generator set consists of a diesel engine, permanent magnet AC generator, control box assembly, output/load panel, primary and auxiliary fuel systems, enclosure cooling and ventilation system, engine exhaust assembly, and a 24VDC battery. The generator set is designed to be used with any equipment requiring a small source of AC power and operates in a "Hot and Basic" climatic condition range of -25°F to +120°F. The generator set is portable and requires a six-person lift.</p>																																																																	
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<table border="0" style="width: 100%;"> <tr> <td colspan="2"><u>Generator Set</u></td> <td colspan="2"><u>Fuel</u></td> </tr> <tr> <td>Manufacturer:</td> <td>Fermont</td> <td>Fuel Capacity (Gal):</td> <td>4</td> </tr> <tr> <td>Model:</td> <td>MEP-831A</td> <td>Fuel Consumption (GPH):</td> <td>0.5</td> </tr> <tr> <td>Voltage (Volts):</td> <td>120/240</td> <td>Fuel Requirement:</td> <td>Diesel/JP-8</td> </tr> <tr> <td>Frequency (Hz):</td> <td>60</td> <td></td> <td></td> </tr> <tr> <td>Speed (RPM):</td> <td>3000 to 3600</td> <td><u>Dimensions</u></td> <td></td> </tr> <tr> <td>Phase:</td> <td>1</td> <td>Length (in):</td> <td>34.8</td> </tr> <tr> <td></td> <td></td> <td>Width (in):</td> <td>27.8</td> </tr> <tr> <td><u>Engine</u></td> <td></td> <td>Height (in):</td> <td>26.5</td> </tr> <tr> <td>Manufacturer:</td> <td>Yanmar</td> <td>Weight (lbs):</td> <td></td> </tr> <tr> <td>Model:</td> <td>L70AE-D/DE</td> <td> Dry:</td> <td>304</td> </tr> <tr> <td>Type:</td> <td>4 Cycle</td> <td> Wet (coolant & POLs):</td> <td>334</td> </tr> <tr> <td>Cylinders:</td> <td>1</td> <td>Volume (ft³):</td> <td>14.6</td> </tr> <tr> <td>Displacement:</td> <td>18.1 in³ (0.296L)</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td><u>Aural Signature</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Audio Rating:</td> <td>70dBA @ 7 meters</td> </tr> </table>		<u>Generator Set</u>		<u>Fuel</u>		Manufacturer:	Fermont	Fuel Capacity (Gal):	4	Model:	MEP-831A	Fuel Consumption (GPH):	0.5	Voltage (Volts):	120/240	Fuel Requirement:	Diesel/JP-8	Frequency (Hz):	60			Speed (RPM):	3000 to 3600	<u>Dimensions</u>		Phase:	1	Length (in):	34.8			Width (in):	27.8	<u>Engine</u>		Height (in):	26.5	Manufacturer:	Yanmar	Weight (lbs):		Model:	L70AE-D/DE	Dry:	304	Type:	4 Cycle	Wet (coolant & POLs):	334	Cylinders:	1	Volume (ft ³):	14.6	Displacement:	18.1 in ³ (0.296L)					<u>Aural Signature</u>				Audio Rating:	70dBA @ 7 meters
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<u>Replaced Items</u>	MEP-016A, MEP-016B, MEP-016E.																																																																
<u>Transportability</u>	All variants of the USMC M116 trailer and the LTT-MCC trailer.																																																																