

13L TA Genset, 220KW



ENGINE

Make / Model	Weichai / WP13GTA
Type	In-line, liquid cooled
Aspiration	Turbo, aftercooled (air-to-air)
Cylinders	6 (individual replaceable heads)
Displacement / Bore x Stroke	12.5 L (765 cu. in.) / 127mm x 165mm
Compression Ratio	9.75:1
Oil Pan Capacity	36 L (9.5 US Gal)
Standard Oil Change Interval (pipeline quality fuel gas)	1,500 Hours
Coolant Capacity	55 L (14.5 US Gal)
Radiator	Skid-mounted, with engine driven pusher fan
Exhaust	Catalytic Converter, pre and Post Catalyst O2 sensors, Silencer.

FUEL / IGNITION / ELECTRICAL

Fuel System	EControls
Fuel Pressure	Natural Gas pressure should be 3-5 psi at point of delivery. An additional regulator is required to drop supply pressure to .6 psi or 13 in H2O.
Ignition	Coil on plug
Engine Control Module	EControls 4G
Starting / Charging	24V
Circuit Breaker	400A

PACKAGE

Standby Rating (NG / LP) kWe	265 / 190
Prime Rating (NG / LP) kWe	230 / 165
Continuous Rating (NG / LP) kWe	220 / 158

ALTERNATOR / ELECTRICAL

Make / Model	Stamford / HCI434D
Rating (480V)	480/277 VAC 4 wire, 60 Hz
Insulation	Class H
Excitation	PMG
AVR	MX341
Leads / Winding / Hz / RPM / Phase / PF / Protection	12 / 311 / 60 / 1800 / 3 / 0.8 / IP23
Rotor	Single bearing

GENSET CONTROL

Make / Model <ul style="list-style-type: none"> • 4-Line back-lit LCD text display • Five key menu navigation • Front panel editing with PIN protection • LED and LCD alarm indication • Customizable status screens • Power save mode • Support for up to three remote display units • 3 configurable maintenance alarms • Multiple date and time scheduler • Configurable event log (250) • Easy access diagnostic page • CAN and Magnetic Pick-up/Alt. sensing • Charge alternator failure alarm 	Deep Sea / DSE8610 <ul style="list-style-type: none"> • Engine exerciser • "Protections disabled" feature • kW overload protection • Power monitoring (kW h, kVAr, kV A h, kVAr h) • Load switching (load shedding and dummy load outputs) • Unbalanced load protection • Independent Earth Fault trip • True dual mutual standby with load balancing timer • USB connectivity • Backed-up real-time clock • Configurable display languages • User selectable RS232 and RS485 communications • SMS Messaging (additional external modem required) • DSENet® expansion compatible
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