



Specifications

Alternator

Generating Type	Rotating Field, Brushless 3-Phase Synchronous	Winding	3-Phase, 4-Wire
Rated Output	80kVA/64W	Power Factor	60%
Rated Voltage	415V	Insulation Class	H
Rated Current	111A	Excitation	Self-Excitation (Brushless)
Rated Frequency	50Hz	Number of Poles	4

Engine

Powered by



Type	Vertical Water-cooled 4-cycle Diesel Engine
Model	ISUZU DD-6BG1T
Number of Cylinders	6 105(bore) x 125(stroke) mm
Continuous Rated Output	73.1kW/99.4PS
Rated Frequency	50Hz
Rated Speed	1500min-1
Displacement	6.494L

Combustion System	Direct Fuel Injection with Turbo Charger
Rated Frequency	50Hz
Cooling Method	Radiator
Lubricating Method	Forced Lubrication
Starting Method	Electric Start
Fuel	Diesel Fuel (ASTM No.2-D)
Lubricant Oil	CD Class
Fuel Tank Capacity	219L
Lubricant Volume (Full)	22L
Starting Motor Capacity	22.8L
Charging Dynamo Capacity	Diesel Fuel (ASTM No.2-D)
Battery	CD Class

Unit

Length	2750mm	Dry Weight	1800kg
Width	1000mm	Installed Weight	2041kg
Height	14000mm		

Definition of the icons



Stop engine immediately



IP21 compliant protection against engine fan

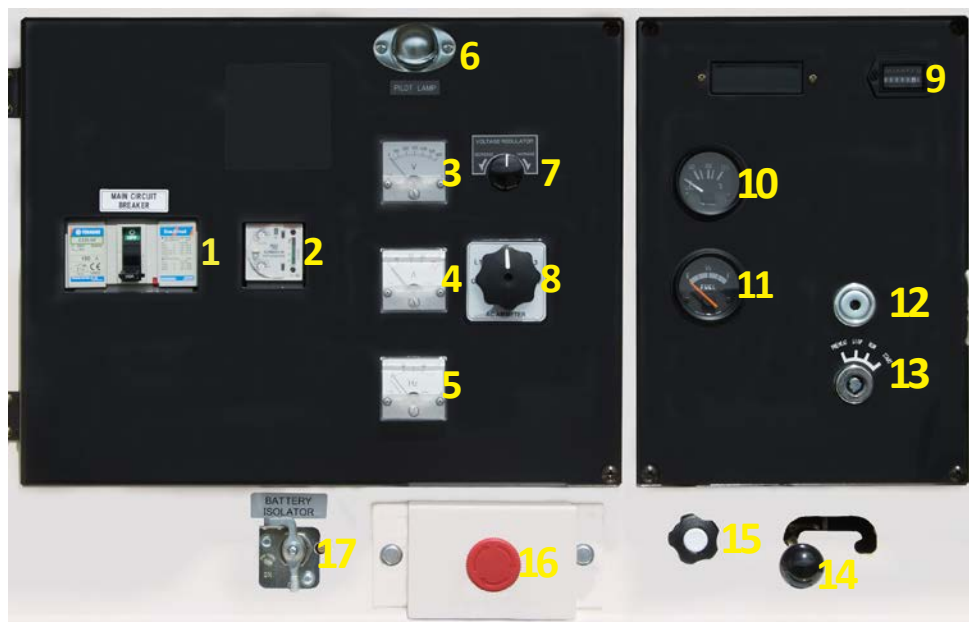


Circuit conductor is connected to ground



The engine electric circuit does not activate when turning the switch to OFF

Control Panel



1. Circuit Breaker
2. Earth Leakage Relay
3. Voltmeter
4. Ammeter
5. Frequency Meter
6. Panel Light and Pilot Lamp
7. Voltage Regulator
8. Ammeter Selector Switch
9. Hour Meter
10. Water Temperature Gauge
11. Fuel Gauge
12. Preheat Lamp
13. Starter Switch
14. Throttle Lever
15. Frequency Adjusting Screw
16. Emergency Stop Button
17. Battery Isolator

Features

SAFETY INTERLOCK



The interlock monitors the position of the terminal cover to control personnel access. When the cover is open, the electric power is shut off to prevent electrical hazard.

WIDE-OPEN DOOR



Large check doors on both right and left side of the machine offers increased efficiency in maintenance of the internal components such as engine and alternator.



EMERGENCY STOP



You can stop the engine immediately in emergency conditions to avert hazardous situations.

BATTERY ISOLATOR



When turning the switch to OFF, the engine electric circuit does not activate due to no battery power.

IP21 COMPLIANT FAN GUARD



The engine fan is protected against the intrusion of solid objects which include body parts like hands and fingers, accidental contact, and water.