

DIESEL GENERATOR SETS POWERED BY LAIDONG ENGINE

MODEL	sitD
Prime Power (50Hz)	10Kw/10Kva
Standby Power (50Hz)	11Kw/11Kva

Standard Features

- Eneing (Laidong)
- Radiator 50°C max, fans are driven by belt, with safety guard.
- 24V charge alternator
- Alternator: Single bearing alternator IP21 insulation class H/H.
- Absorber
- Dry Type air filter, fuel filter, oil filter
- Main Line circuit breaker
- Standard control panel
- 12V batteries, rack and cable
- Ripple flex exhaust pipe, exhaust siphon, flange muffler
- User manual



Generator Ratings.

Voltage	Frequency	Phase	P.F	Standby Ratings (Kw/Kva)	Prime Ratings (Kw/Kva)
220V	50Hz	single	1	11kw/11kva	10kw/ 10kva

Prime power (PRP): Prime power is available for an unlimited number of annual hours in Variable load application, in accordance with GB/T2820-97 (eqv ISO8528) ; A 10% overload capacity is available for a period of 1 hour within a 12-hour period of operation.

Standby power rating (ESP): The standby power rating is applicable for supplying emergency power for the duration of utility power interruption. No overload, utility aparallel or negotiated outage operation capability is available at this rating.

Sales Promises

JLT-Power provides a full line of brand new and high quality products. Each and every unit is strictly factory tested.

Warranty is according to our standard conditions: a, 15 months, counted on the day JLT-Power sold to the first buyer; b, One year after installation; c, 1000 running hours (accumulated); subject to the earlier one. Servise and parts are available from JLT-Power.

Specifications may change without notice



Engine Data

Engine Features	3-cylinder,4 stroke,water cooled, direct injection
Bore * Stroke	80*90 mm
Displacement	1.532L
12-hour Power	12kw /1500 rpm
Fuel Consumption	238 g/kw.h
Compression Ratio	18:01
Starting Mode	Electric Starter 12V

Alternator Data

Number of Phase:	3
Conecting Type:	3phase,4 wires
Power Factor	0.8
Protection Grade:	IP21
Altitude:	≤1000m
Exciter Type:	Brushless, self-exciting H/H
Telephone influence factor (TIF):	<50
THF:	<2%
Voltage Regulation, Steady State:	≤±1%
Alternator Capacity:	13.5Kva
Alternator Efficiencies:	83.70%
Air Cooling Flow:	0.15m³/S

Generating Set Data

Voltage Regulation:	≥±5%
Voltage Regulation,Stead State:	≤±1%
Sudden Voltage Warp (100%Sudden Increase):	≤+25%
Suden Voltage Warp (Sudden Increase):	≤-20%
Voltage Stable Time (100% Sudden Reduce):	≤6S
Voltage Stable Time (Sudden Reduce):	≤6S
Frequency Regulation, Stead State:	≤5%
Frequency Waving:	≤0.5%
Sudden Frequency Warp (100% sudden Reduce):	≤+12%
Sudden Frequency Warp (sudden Increase):	≤-10%
Frequency Recovery Time (100% Sudden Reduce):	≤5S
Frequency Recovery Time (Sudden Increase):	≤5S



series generator controller integrating digital, intelligent and network techniques is used for automatic control system of diesel generator. It can carry out functions including automatic start/stop, data measure and alarming. The controller uses LCD display, optional Chinese and English display interface with operation easy and