

POWER DEFINITION

PRP: Prime Power is required for continuous operation under variable load and infinite operating hours per

ESP: Standby power refers to the ability of the generator to operate at varying loads in the event of power outage, with an annual operating time of up to

STANDARD USAGE CONDITIONS:

1. Altitude: below 1000 meters;
2. Environmental temperature: 25 °C
3. Relative humidity: 30%

ABOUT NOISE:

The noise level of the generator largely depends on the installation conditions and usage environment, so it The noise value we provide is based on laboratory testing and is for reference.

QUALIFICATION STANDARD

IGNT POWER generator set complies with ISO and CE standards, which also include the following certification standards:
ISO 1400:2015 Environmental

SERVICE		PRP	ESP
Power	KVA	2250	2475
Power	KW	1800	1980
standard volt	V	400/230	
available volt	v	/220 415/240	
Rated Current	A	3248	
frequency/spee	hz/rpm	50/1500	

Weight and Dimension

Dimension		Open	Silent
Length (L)	mm		
Width (W)	mm		
Height (H)	mm		
Net Weight	KG		
Fuel Tank	L		

Engine Specifications

General Engine Data-- Cummins

Engine Model	QSK60-G8	
Aspiration	N	
Fuel Injection		
No. of Cylinders	16	
Displacement L	60.2	
Bore* Stroke mm	159*190	
Compression Ratio	14.5:1	
Rated Net KW	1800	
Governor Type	E	
Cooling Way	Water-cooled	

Air intake system

Maximum intake air restriction with heavy duty air cleaner:	
Dirty element	6.2kpa

Lubrication System

Engine Oil	L	
Oil Consumption g/kWh		
Oil Pressure kPa		

Fuel System

Fuel Consumption @100% ES	L/h
Fuel Consumption @100% PR	L/h
Fuel Consumption @75% PRP	L/h
Fuel Consumption @50% PRP	L/h
Fuel Tank Capacity (Open)	L
Fuel Tank Capacity (Silent)	L

Starter System

Start Motor Voltage	V	24
No. of Batteries	2	

Cooling System

Engine Coolant Capacity	L
Thermostat Operating Range	°C
Max. Water Temp.	°C
Min. Pressure Cap	kPa

Exhaust System

Max. Exhaust Temp.	°C
Exhaust Gas Flow	L/s
Max. Back Pressure	kPa

Alternator Specifications

Alternator Date-- IGNT

Alternator Model		
Phase	3	
Voltage V	400	
Prime Power KVA	2250	
Pole	4	
Excitation System	Self-excited, Brushless	
No. of Bearing	1	
Power Factor	0.8	
Wiring Connection	3 Phases, 4 Wires	
Insulation Grade	H/H	
Protection Grade	IP23	
Voltage Regulation %	±0.5	

Alternator Date-- Stamford

Alternator Model		
Phase	3	
Voltage V	400	
Prime Power KVA	2250	
Pole	4	
Excitation System	Self-excited, Brushless	
No. of Bearing	3	
Power Factor	0.8	
Wiring Connection	3 Phases, 4 Wires	
Insulation Grade	H/H	
Protection Grade	IP23	
Voltage Regulation %	±0.5	

Controller Specifications

Control Panel Date-- Deepsea DSE6120

- Built in PLC logic programming
- Generator voltage detection
- Mains voltage detection
- Generator/load power detection (kW, kVA, kVAR,
- Generator overload protection (kW)
- Equipped with manual closing and opening funct
- Start gen-set when the battery voltage is low
- LCD and LED alarm indication
- Generator/load current monitoring and protection
- Fuel pump control function
- Can connect to all expansion modules
- Capable of graded loading
- Engine speed protection
- Engine preheating
- Engine starts rapidly&stops rapidly
- Custom remote start signal

Generator Specifications

Standard Configuration

- 50°C radiator for belt driven fan
- 12/24V charging alternator
- One set of air/fuel/oil filters
- Chassis with integrated fuel
- Emergency stop button
- Anti-vibration shock absorber
- Main circuit breaker/ MCCB
- Auto control system
- User manual

Optional Configuration

- Battery charger
- Engine pre-heater
- Alternator pre-heater
- PMG/ AREP/ MAUX
- Water-oil separator
- Inside automatic transfer switch/ ATS box
- Grounding cooper rod
- Remote control system
- Switch box

Warranty of Generator Set

Cummins Engine

One year or 1000 running hours whichever comes first

Generator

One year or 1000 running hours whichever comes first

邮箱

