POWER IS OUR WORLD

About Product

IDE

IDEA generator sets are designed to be used as backup or continuous power supply. They are subjected to detailed load and performance tests in our production facilities in order to provide ideal performance and safe usage.



Power Output Values

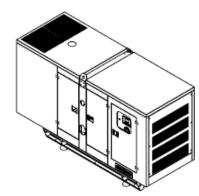
\/_k	Standby Power (ESP)			Prime Power (PRP)		
Voltage	kVA	kW	Ampere	kVA	kW	Ampere
400/231	330 kVA	264kW	476	300 kVA	240 kW	433
+00/231	550 KVA	204877	470	300 KVA	240 800	

Standby Power (ESP) : This rating is for the supply of continuous electrical power at variable load , in the event of utility power failure. No overload is permitted.

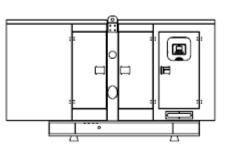
Prime Power (PRP) : This rating is for the supply of continuous electrical power at variable load. There is no limitation on the annual hours in operation and 10% overload power can be supplied for 1 hour in 12.

Weight And Dimensions

Туре	Width x Length x Height (mm)	Weight (kg)	Fuel Tank (Lt)	Sound dB(A) @7mt
Open	1200x2750x1870 mm	2100 kg	400 lt	ТВА
Soundproofed	1200x3800x2172 mm	2580 kg	400 lt	ТВА









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REV NO:2020-00

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Engine



	50 Hz		
kW	297		
	CUMMINS - QSL9-G5		
	Diesel		
	Direct		
	Turbocharged		
	6		
mm	114×145		
lt	8,9		
	Water		
	SAE 15W40		
lt	26,5		
lt	11		
	ECM		
	Dry element		
lt/h	63		
lt/h	46		
lt/h	31		
m³/min	7,9		
Ah	2x80		
V	24		
	mm It It It It It It/h It/h It/h It/h M ³ /min Ah		

Alternator

Poles	4 pole		
Winding Connections	Star		
Insulation	Class H		
Enclosure	IP23		
Exciter System	Self regulating Brushless		
Voltage Regulator	AVR		
Steady State Voltage Regulation	± 1 %		
Bearing	Single bearing sealed		
Coupling	Flexible disc		
Cooling	Direct drive centrifugal blower fan		



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INDUSTRIAL RANGE DATASHEET

IDJ330C

POWER IS OUR WORLD

Control Panel IDP300

The new IDP300 genset controller is a cost effective modular genset controller ready for internet monitoring through plug-in modules.

Its main advantages are multifunctionality, support for multiple topologies, harmonic analysis and detailed power measurements.



Software features are complete with easy firmware upgrade through USB port. The Windows based PC software allows monitoring and programming through USB, RS-485, RS-232, Ethernet and GPRS.

The Rainbow Scada web service allows monitoring and control of an unlimited number of gensets from a single central location.

Optional Equipments

Some Optional Equipment IDEA Provides with Generator Sets;

- Remote radiator applications,
- Automatic fuel filling system,
- Fuel tank, oil pan, instrument panel, alternator, coil heaters,
- Synchronization systems,
- Generator output fuse,
- Mains generator transfer switches,
- Seismic solutions,
- Remote monitoring
- Other requested solutions

Reference Standards

IDEA Generator Sets are CE approved and comply with the following standards;

- Power according to ISO 3046 and ISO 8528
- EN 12100, EN 13857, EN 60204
- 2006/42/CE Machinery Safety
- 2006/95/EC Low Voltage
- 2004/108/CE EMC
- Ambient reference conditions 1000 mbar, 25 °C, 30 % relative humidity ISO8528

All the information in this leaflet is intended for general purposes only. IDEA reserves the right to change the specifications without notice.



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