DIESEL GENERATOR 33 KVA

50 Hz, 230/400V

TECHNICAL SPECIFICATIONS

		Standby	Prime
Power	kVa	33	30
Power	kW	26	24
Rated speed	rpm	1500	
Voltage	V	400/230	
Power factor	Cos Phi	0,8	
Open Type （L×W×H）	mm	950 x 2000 x 1380	
Open Type(Weight)	kg	710	
Silent Type （L×W×H）	mm	1010 x 2200 x 1550	
Silent Type(Weight)	kg	900	

Continous Power

Continuous working power under constant load. The average load value can be 100%. It cannot be overloaded.

Standby Power

Working power in limited time under variable load. With an average load of 70%, it can operate for a total of 200 hours a year. It is used as backup power in mains power outages. Cannot be overloaded.

Prime Power

Continuous working power under variable load. Average load value should be 70%. Every 12 hours
10% can be overloaded.

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TECHNICAL SPECIFICATIONS

ENGINE		
Brand		PERKINS
Model		1103A-33G
Frequency	Hz	50
Standby Power	kW	30.4
Prime Power	kW	27.7
Displacement	lt	3.3
Rated Speed	rpm	1500
Bore x Stroke	mm x mm	105 x 127
Aspiration		Natural
Cooling Method		Water Cooled
Type		Direct Injection
Compression Ratio		19.25:1
Number of Cylinders		3 In-Line
Governor Type		Mechanic
Oil Capacity	lt	8.3
Coolant Capacity	lt	10.2
Fuel Tank	lt	55
Fuel Consumption	%100	lt	7.2
	%75	lt	5.4
	%50	lt	3.6

ALTERNATOR		
Power Factor		0.8
Rated Power	kW/kVa	27/33
Frequency	Hz	50
Voltage	V	400/230
Connection		3P 4W / Y
Protection Class		IP21
Insulation Class		H
Voltage Regulation		±1.0%
AVR		AS440
Excitation System		Self Excited

STANDARD FEATURES

- Water cooled diesel engine
- Radiator and mechanical fan
- Protective cage that prevents touching rotating and hot parts
- Electric starter and charge alternator
- Battery, cables and stand
- Flexible fuel connection hoses

- Steel chassis and anti-vibration wedges
- Electronic battery charger
- Operating and installation manual
- Alternator with single bearing and H insulation class
- Industrial capacity muffler and flexible steel compensator
- Engine water heater

SKATPOWER GENERATOR.

DIESEL GENERATOR 33 KVA
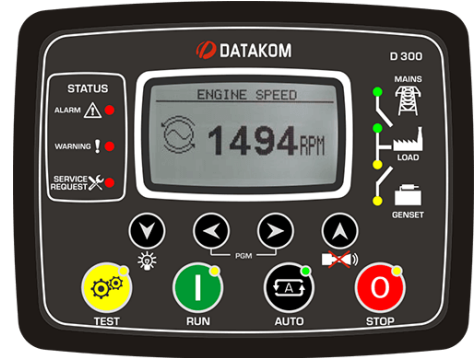
50 Hz, 230/400V

TECHNICAL SPECIFICATIONS

CONTROL SYSTEM

DATAKOM D-300

The D-300 is a cost effective, modern technology
genset controller ready for internet monitoring.
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-232 and GPRS.
The Rainbow Scada web service allows monitoring and control of an unlimited
number of gensets from a single central location.

FUNCTIONS	COMMUNICATION	FEATURES	
AMF unit	4-band GPRS modem (optional)	Diesel and gas genset support	Dual mutual standby with equal aging of gensets
ATS unit	USB Device	400Hz operation support	Manual "speed fine adjust" on selected ECUs
Remote start controller	RS-232 (2400-57600baud)	400 event logs, full snapshot	Automatic fuel pump control
Manual start controller	J1939-CANBUS	All parameters front panel editable	Disable protections feature
Engine controller	Geo-locating through GSM	3 level configuration password	Excess power protection
Remote display panel	Internet Central Monitoring	128x64 graphical LCD display	Reverse power protection
	Free PC software: Rainbow Plus	Downloadable languages	Overload IDMT protection
	Modbus RTU	Waveform display of V & I	Load shedding, dummy load
	GPS support (RS-232)	Harmonic analysis of V & I	Multiple load management
		16Amp MCB & GCB outputs	Current unbalance protection
		8 configurable digital inputs	Voltage unbalance protection
		6 configurable digital outputs	Fuel filling & fuel theft alarms
		3 configurable analog inputs	Battery back-up real time clock
		Both CANBUS-J1939 & MPU	Idle speed control
		3 configurable service alarms	Battery charge run enabled
		Multiple automatic exerciser	Combat mode support
		Weekly operation schedule	

SKATPOWER GENERATOR.

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