

DOOSAN

Generators 20 - 60 kVA | Product Range



Portable Power

Doosan Generators

Technical Specifications

DEEP SEA 6010 PANEL FEATURES	
Measurements	AC voltage phase-phase and phase-neutral
	AC amps per phase
	Frequency
	kVA - kVAr - kW - Power factor
	Engine hours
	Engine speed (RPM)
	Engine oil pressure
	Engine coolant temperature
	Fuel level
	Battery voltage
Indicators	System in Auto Mode LED
	System in Manual Mode LED
	Shutdown Alarm LED (configurable)
	Warning Alarm LED (configurable)
	Generator availability – generator breaker LED
Shutdowns and warnings	Low oil pressure shutdown
	High coolant temperature shutdown
	Engine over-under speed shutdown
	Engine over-under voltage shutdown
	Engine kW/Amps overload shutdown
	Engine overcrank warning/shutdown
	Battery charge fail warning
Miscellaneous	Buttons for start / stop / mode / fault reset
	Auto-Start mode
	LCD screen backlight
	USB connection port
	Memory storage capacity for 50 historical events
	IP65 with optional sealing gasket
6 configurable digital inputs	



Models	Unit
Frequency	Hz
Ratings voltage 1	V
Standby	kVA
Prime	kVA
CB size	A
Ratings voltage 2	V
Standby	kVA
Prime	kVA
CB size	A
Ratings voltage 3	
Standby	kVA
Prime	kVA
CB size	A
Fuel consumption	
Prime 3/4	l/h
Runtime at 75% load	h
Engine	
Make	
Model	
Config	
Displacement	l
Power output - prime	kWm
Power output - standby	kWm
Speed drop (ISO 8528)	
Electrical voltage	V
Governor type	
Emission compliance	
Limited ambient temperature (50 Hz prime rating)	°C
Alternator	
Make	
Model	
IP rating	
Control panel	
Brand	
Type	
Main circuit breaker – brand	
Dimensions and weights	
Length, open	mm
Width, open	mm
Height, open	mm
Dry weight, open	kg
Length, enclosed	mm
Width, enclosed	mm
Height, enclosed	mm
Dry weight, enclosed	kg
Noise level	
Average noise level @ 7 m @ 75% load	dB
Standard features and options	
Deep Sea Controller 6010 Mk II	
3P ABB circuit breaker	
4 point lift - forklift clearance	
Voltage-free terminals for auto start contact	
Fuel water separator with transparent drain	
Single stage air filtration	
Dual stage air filtration	
Battery isolator switch	
Engine water heater and battery charger	
Fuel level sensor and low level automatic shutdown	
Customised canopy colour	
15 and 25 dB silencers (mufflers) for open frames with fixing and seals	
Automatic transfer switch	

G20	G24	G30	G36	G45	G48	G60	G71
50	60	50	60	50	60	50	60
400/230	480/277	400/230	480/277	400/230	480/277	400/230	480/277
21	25	32	38	48	54	66	79
20	24	30	36	45	48	63	71
32	40	50	50	80	80	100	100
-	380/220	-	380/220	-	380/220	-	380/220
-	20	-	30	-	45	-	64
-	19	-	29	-	43	-	59
-	32	-	50	-	80	-	125
-	220/127	-	220/127	-	220/127	-	220/127
-	24	-	36	-	54	-	74
-	22	-	34	-	48	-	69
-	65	-	100	-	150	-	200
4.8	5.3	5.8	6.9	9.5	8.5	11	12.5
27	25	22	19	18	20	15	14
Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
X2.5G2	X2.5G4	X3.3G1	X3.3G2	S3.8G6	S3.8G8	S3.8G7	S3.8G10
L-3	L-3	L-4	L-4	L-4	L-4	L-4	L-4
2.5	2.5	3.3	3.3	3.8	3.8	3.8	3.8
23	24	31	33	46.7	44	57.6	65
26	27	35	39	51.6	48.5	62.9	71.5
G2	G2	G2	G2	G2	G2	G2	G2
12	12	12	12	12	12	12	12
Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
None	None	None	None	None	None	None	None
50	50	50	50	45	55	50	55
Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
S0L2-G1	S0L2-G1	S0L2-P1	S0L2-P1	S1L2-N1	S1L2-N1	S1L2-Y1	S1L2-Y1
IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics	Deep Sea Electronics
6010	6010	6010	6010	6010	6010	6010	6010
ABB	ABB	ABB	ABB	ABB	ABB	ABB	ABB
1750	1750	1750	1750	1950	1950	1950	1950
1040	1040	1040	1040	1140	1140	1140	1140
1078	1078	1078	1078	1386	1386	1386	1386
600	600	630	630	965	965	1014	1014
2200	2200	2200	2200	2450	2450	2450	2450
1040	1040	1040	1040	1140	1140	1140	1140
1630	1630	1630	1630	1900	1900	1900	1900
850	850	880	880	1300	1300	1350	1350
68	70	68	70	70	70	70	70
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●
X	X	X	X	●	●	●	●
●	●	●	●	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○

●: Standard ○: Optional X: Not available

Performance and flexibility power your productivity!

Established Powertrain

Powertrains feature established engines from Cummins and alternators from Stamford to efficiently provide you with a stable and reliable electrical power supply.

All alternator models have been sized for high ambient working conditions and come standard with IP23 rating and insulation class H, 12 re-connectable leads, shunt excitation and AVR to provide flexibility across multiple application types.

Control panel and main circuit breaker

All generator units come with the Deep Sea 6010 MKII control panel. This user-friendly operation interface provides a complete list of mechanical/electrical measurements and protections. It comes with auto-start mode and USB connection port for easy diagnosis and set-up.

The standard electrical protection is a 3-pole ABB circuit breaker. The nominal current ratings have been selected to allow electrical power delivery under 220/230V.

Frame and canopy arrangements

All powertrains are available in open skid or sound-attenuated configurations. They feature 4 lifting eyes at the corners and forklift pockets. Sound-attenuated canopies are designed to optimise airflow to ensure ample cooling in high ambient temperatures, while reducing bystander noise levels. Standard features include: lockable doors, easy maintenance access.



Your journey with a Doosan Portable Power generator starts here

With Doosan Portable Power, you are not just buying a piece of equipment. You are investing in the strength and expertise of Doosan Portable Power and its people.

We are committed to helping you realise maximum value – job after job, day after day. We support your purchase with engineers and factory technicians, field representatives and your dealer. Wherever you see a piece of Doosan Portable Power equipment, know that all of the Doosan Portable Power team is behind it.

Industry-leading support

Our industry-leading support system helps keep your Doosan Portable Power equipment up and running for as long as you own it. Doosan Portable Power is committed to supporting each product throughout its life by offering you an invaluable source of product information, training, service, technical service bulletins, parts and more...

Comprehensive warranty

Doosan generators are supported by a global dealer network and backed by a comprehensive warranty that covers the complete generator package for up to 2 years or 4000 hours on Powertrain (whichever comes first).

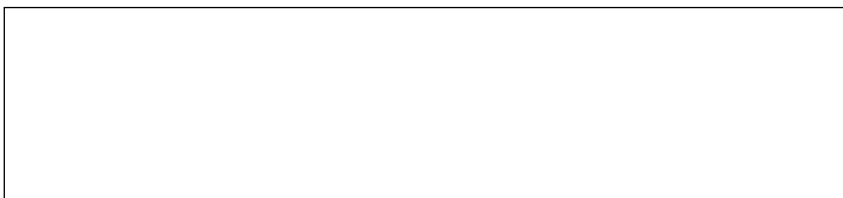
Aftermarket solutions and service

- A proven track record of over 15 years of manufacturing and selling generator products
- Parts and service network delivering global strength to meet local needs
- Worldwide network of certified dealers to provide customised service and parts solutions



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