DOOSAN

Product Range | Generators







Doosan Portable Power

Performance you can trust

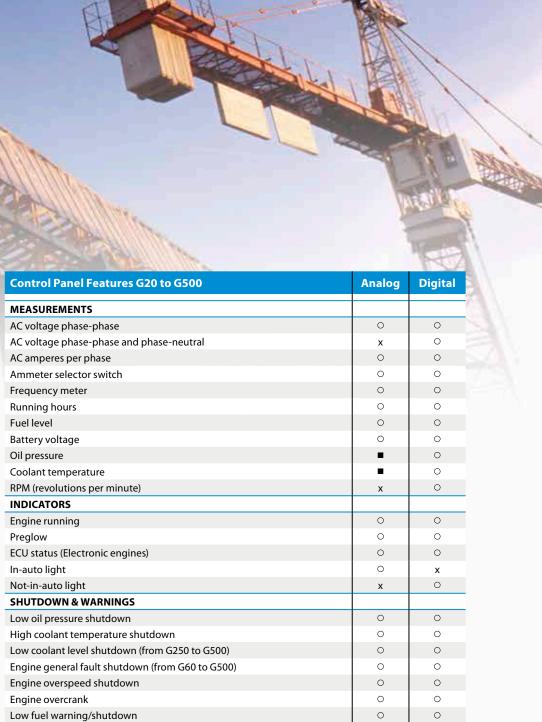


Controls & connections easy to use

All controls and power connections are grouped together at the rear of the unit for enhanced safety and convenience. The control panel is easy to use, allows a high degree of customisation, lets users manage output and offers many other functions for optimum performance.

Extended runtime

The combination of a high-capacity fuel tank and low fuel consumption enables our generators to run at least 24 hours without refuelling, ensuring uninterrupted power for your critical applications and reducing operating costs.







Battery charge fail warning

Emergency stop shutdown

MISCELLANEOUS
Panel lamp

Remote start/stop

Language selection

High containment level warning

Buttons for start/stop/mode/fault reset

Engine diagnostic codes on display

1) European sockets G20 & G30: 2) European sockets G40 to G500: 3) UK sockets G40 to G500: 3 x CE 1-phase 16A 230V 2 x CE 1-phase 16A 230V 2 x CE 1-phase 16A 110V 1 x CE 3-phase 32A 400V 1 x CE 3-phase 32A 400V 1 x CE 3-phase 32A 400V

1 x CE 3-phase 63A 400V 1 x CE 3-phase 63A 400V

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Specifications







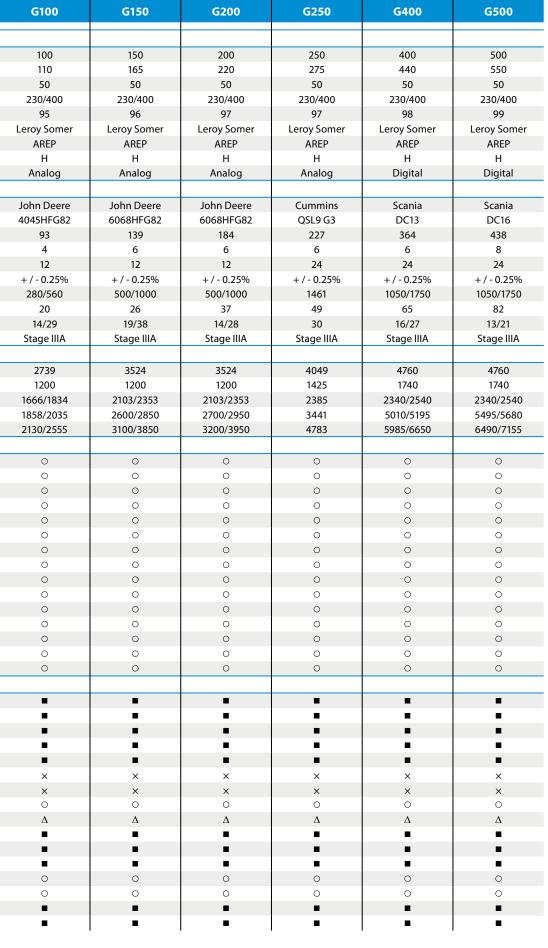
Models		G20	G30	G40	G60	G80
PERFORMANCE						
Prime power	kVA	19	30	40	60	80
Standby power	kVA	19	33	44	66	88
Frequency	Hz	50	50	50	50	50
Voltages, single phase / 3 phases	V	230/400	230/400	230/400	230/400	230/400
Maximum sound power level	LwA	89	90	87	91	94
Alternator		Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
Alternator excitation type		Shunt	Shunt	AREP	AREP	AREP
Insulation class		Н	Н	H	H	H
Control panel		Digital	Digital	Analog	Analog	Analog
Engine						
Make		Yanmar	Yanmar	Yanmar	John Deere	John Deere
Model		4TNV88	4TNV98	4TNV98T	4045HFG81	4045HFG82
Prime power engine	kW	18	30,7	37,9	56	75
Number of cylinders		4	4	4	4	4
Electrical system	V	12	12	12	12	12
Speed regulation accuracy (steady state)		+ / - 0.25%*	+ / - 0.25%	+ / - 0.25%	+ / - 0.25%*	+ / - 0.25%
Fuel tank usable capacity	1	150	199	177/358	177/358	280/560
Fuel consumption @ 75% load	l/h	3.88	3.99	8	14	14
Runtime @ 75% load	h	47	55	18.5/41	10.5/24	19.5/39
Emissions Tier level 1		Stage IIIA	Stage IIIA	Stage IIIA	Stage IIIA	Stage IIIA
Weights & Dimensions						
Length	mm	1869	2133	2560	2560	2739
Width	mm	813	955	970	970	1200
Height	mm	1382	1448	1570/1740	1570/1740	1666/1834
Dry weight	kg	846	1134	1265/1300	1590/1625	1798/1975
Wet weight	kg	999	1329	1410/1570	1730/1890	2070/2495
Standard Features						
Double-wall fuel tank		0	0	0	0	0
Containment base, 110% of all fluids		0	0	0	0	0
Forklift pockets 2		0		0	0	0
Two stage heavy duty air filter		0	0	0	0	0
Central lifting point		0	0	0	0	0
External emergency stop button		0	0	0	0	0
Battery isolator switch		0	0	0	0	0
Protective guard against hot spots		0	0	0	0	0
Single 80% step load capability		0		0	0	0
4-pole circuit breaker		0	0	0	0	0
Automatic start voltage free terminals		0	0	0	0	0
Fuel water separator		0	0	0	0	0
Rigid bus bar terminal (5 poles)		0	0	0	0	0
Voltage adjusting potentiometer		0	0	0	0	0
Low level coolant shutdown		0	0	0	0	0
Options		-			-	_
Advanced digital control panel			•			
-		- - *	-	-	- ■*	_
Dual frequency Synchronization panel 5				_	_	_
-		×	×	×	×	×
Earth rod & cable			-		_	_
Oil sump pump		•	•	•	•	•
Containment drain pump		×	×	×	×	×
Fixed earth leakage protection		-	-	-	×	×
Adjustable earth leakage protection		•				0
Sockets 6		Δ	Δ	Δ	Δ	Δ
3-way fuel valve		•	•	-		•
Super start package (block/jacket heater and battery charger)			•			
Refinery kit		×	×	•	•	•
Electronic governor			0	0	•	0
Heavy duty impregnation for alternator		0	0	0	0	0
Tropicalisation (system 4)		×	×	•	•	
Customized colour	1				■	





















○ = Standard

 \times = Not available

■ = Optional

 Δ = Retrofitable option

* = Requires electronic governor

Your journey with a **Doosan** Portable Power generator starts here



Aftermarket solutions and service

- Dealer stocking program for frequently used parts
- Express availability for other parts
- Technical support (available at our manufacturing plant for all product lines)
- Support for you and your dealer with diagnostic expertise on difficult service problems



Warranty

We protect your purchase or lease with a 1 year or 2000 hours warranty (whichever occurs first) on the entire generator package, 2 years or 4000 hours on engine and alternator.



Financial solutions

We provide financing and leasing options tailored to meet your individual business needs. Our streamlined loan application and credit approval process can quickly make your business plans a reality.





Compact size / Easy accessibility

Our generators are compact and designed to run quietly, maximising performance while powering a full load in high temperature conditions. . They are among the **lightest and most compact** generators in the industry, reducing logistic and transport costs. Furthermore, their large doors provide easy accessibility and facilitate serviceability without compromising the compactness.



Easy to handle

All models feature forklift pockets and lifting hooks that allow you to place the generator where you want it - easily, quickly and safely.

Environmentally friendly

Each model features 110% containment capacity to prevent any spillage of fuel, oil or coolant onto the ground. In addition, all models will progressively be modified to meet EU Stage IIIA emission regulation. They deliver high output at low sound levels thanks to their innovative enclosure with sound-reducing insulation, optimized fan speeds and critical grade exhaust components.

Reliable

All units from 40 kVA feature powerful alternators with AREP excitation which gives best in class motor-starting capability. They feature a heavy-gauge enclosure finished with a superior zinc rich primer and a durable powder final paint to provide the ultimate in corrosion resistance for long life and high resale values. Last but not least, intensive endurance testing procedures ensure that our generators are among the most durable and reliable on the market.

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

Our industry-leading support system will help to 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. We are committed to offering you an invaluable source of product information, financial service, training, technical service bulletins, service, parts and more...

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More than generators







Portable Power