DEUTZ DPS 25 SG

TECHNICAL DATA

Main data	
Prime power (PRP)	22.1 (kVA)
Prime power (PRP)	17.7 (kWe)
Standby power (LTP)	24.6 (kVA)
Standby power (LTP)	19.7 (kWe)
Voltage, frequency, pf	220V/127V, 60HZ @ 0.8
Sound pressure 7m dB(A)	69.0
Performance class (ISO 8528)	G2

Engine	
Engine brand	DEUTZ
Engine model	F3M2011
Cylinders	3
Speed	1800 rpm
Cubic capacity	2.33 L
Air intake	Aspirated
Standard voltage	12Vdc
SAE	3-11.5
BMEP	700 kPa
Cooling	Oil
Flywheel P.R.P. power	22.6 kW
Flywheel standby power	23.8 kW
Governor class	G2
Governor type	Mechanical
Oil Quantity	6 L
Engine coolant capacity	9 L
Radiator standard	ROA
Heat from radiator	14.0 kW
Heat from exhaust	NA
Heat from radiation	3.0 kW
Exhaust temperature	||
Cooling air flow	1290 m3/h
Combustion air volume	104 m3/h
Exhaust gas flow	295 m3/h
TA Luft	Standard
TA Luft/2	NA
EPA	DE23.8
Stage	Stage 2

Alternator	
Alternator brand	Stamford
Alternator model	S0L2-G
Connection	Parallel Star
Phases	3PH + N
Winding	12 terminals Winding 311
Terminal number	12 nr.
IP protection	23
Electronic regulator	AS540
Precision	1.0 +/- %
Class	Cont. H

Control system	
Control system brand	DEEP SEA
Control system model	DSE4520 MKII

Fuel consumption	
Fuel Cons. @ 100% (LTP)	7.0 l/h
Fuel Cons. @ 100% (PRP)	6.7 l/h
Fuel Cons. @ 75% (PRP)	4.8 l/h
Fuel Cons. @ 50% (PRP)	3.4 l/h
Fuel Cons. @ 25% (PRP)	2.1 l/h

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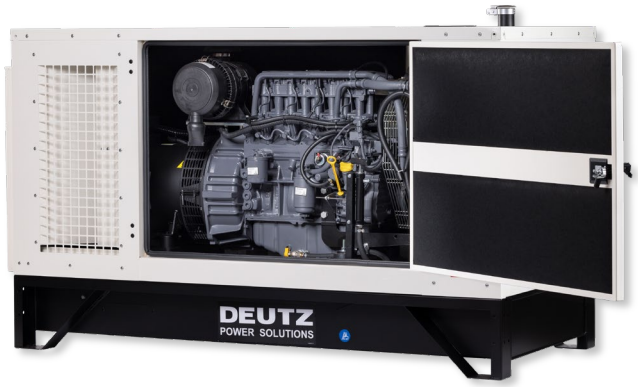
Dimensions & weight	(Acoustic canopy)
Length	1980 mm
Width	924 mm
Height	1200 mm
Mass (Dry)	~690kg

Reference conditions	
Standard reference condition temp.	25 deg C
Altitude	100 masl
Relative humidity	30%
Atmospheric pressure	100 kpa
Power factor	0.8 lag
Balanced load	Non-distortional

Base frame	(Acoustic canopy)
Base frame model	C 20
Standard tank	90 litres



Included accessories
Battery charger
Main circuit breaker
External stop button
Oil extraction pump

Included features
Mains monitoring capability
Configurable via fascia or PC using USB communication
Programable outputs for fuel, start and common fault

Ratings definitions

P.R.P. Prime power-continuous power at variable load

The power that a generator can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the manufacturer according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the manufacturer.

L.T.P. Limited-time running power-limited power

The maximum power that a generator can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the manufacturer according to ISO8528-1. The number of hours per year is stated by the manufacturer. Overload is not permitted.

Fuel consumption is nominal and refers to specific weight 0.850kg/l.

Sound power levels refer to free field conditions: Installation site may influence the values.

Dimensions, weights, and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment. Any optional and additional equipment / accessories can modify weight, dimensions, and performance.

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DEUTZ Corporation
3883 Steve Reynolds Blvd. | Norcross, GA 30093
Phone: 770-564-7100 | E-mail: info.usa@deutz.com | www.deutzamericas.com