

Diesel generator WS22-FS



Product Specification

Nominal rated power - Prime	16 kW (20 kVA)
Maximum rating - Standby	17,6 kW (22 kVA)
Voltage	400 V
Frequency	50 Hz
Power factor, cos ϕ	0.8
Rated circuit breaker current	32 A
Control panel	Smartgen HGM6120NC
Noise level, 7m, dBA	69

Engine Specification

Engine model	Ricardo 4DW91-29DG
Cooling system	water cooling
R.P.M.	1500 rpm
Cylinders	4
Displacement	2,5 l
Fuel consumption at 100% of load	4.9 l / h
Fuel consumption at 75% of load	3.6 l / h
Fuel consumption at 50% of load	2.4 l / h

Alternator Specification

Alternator model	WattStream WSG-16, 3-phase, brushless
Alternator type	Synchronous
IP Rating	IP23
Voltage stability	$\pm 1\%$

Weight and Dimensions

Dimensions (open)	1680 x 760 x 1250 mm
Integrated fuel tank	90 l
Weight (open)	710 kg
Dimensions (canopied)	2020 x 910 x 1170 mm
Integrated fuel tank	90 l
Weight (canopied)	750 kg

In accordance with the policy of continuous improvement, the manufacturer reserves the right to change the technical characteristics without prior notice.

¹Prime - continuous mode. In this mode it is possible to overload up to 10% of the rated power for 1 hour, not more than once in 12 hours.

²Standby - operating mode in which the generator can operate at rated power without overload. Maximum operating time – up to 500 hours per year.

Warranty - 24 months or 1200 hours.