

Diesel generator WS70-FS



Product Specification

Nominal rated power - Prime	50 kW (62.5 kVA)
Maximum rating - Standby	55 kW (68.8 kVA)
Voltage	400 V
Frequency	50 Hz
Power factor, cos ϕ	0.8
Rated circuit breaker current	100 A
Control panel	Smartgen HGM6120NC
Noise level, 7m, dBA	69

Engine Specification

Engine model	Ricardo N4105ZDSG
Cooling system	water cooling
R.P.M.	1500 rpm
Cylinders	4
Displacement	4.15 l
Fuel consumption at 100% of load	13.2 l / h
Fuel consumption at 75% of load	10 l / h
Fuel consumption at 50% of load	7.3 l / h

Alternator Specification

Alternator model	WattStream WSG-50, 3-phase, brushless
Alternator type	Synchronous
IP Rating	IP23
Voltage stability	$\pm 1\%$

Weight and Dimensions

Dimensions (open)	1740 x 830 x 1250 mm
Integrated fuel tank	150 l
Weight (open)	981 kg
Dimensions (canopied)	2270 x 980 x 1300 mm
Integrated fuel tank	150 l
Weight (canopied)	1270 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.