

Weifang Starocean Machinery and Equipment Co., Ltd.

Add: #3088 Zhaode Nanlu, Yunmenshan Street, Qingzhou, Weifang, Shandong Province, China

Attn: Skylar Tel: +86 15305365593 Mail: skylar@generatorso.com Web: www.generatorso.com

Technical specification parameters of Prime 350kW series diesel generator set

Unit model:SO-350KW	Steady state voltage adjustment (%) : $\leq\pm 0.5$
Rated power:350KW / Prime power: 378KW	Voltage fluctuation rate (%): $\leq\pm 0.5$
Rated power factor: $\cos\phi=0.8$	Transient voltage adjustment rate (%): $+20\sim-15$
Rated output voltage:220V/380V	Load abrupt voltage stability time (s): ≤ 2
Rated current:540A	Steady state frequency adjustment rate (%): $\leq\pm 1$
Rated frequency:50Hz	Frequency wave rate (%): $\leq\pm 2$
Rated speed:1500rpm	Transient frequency adjustment rate (%): $+10\sim-7$
Start mode: Electric	Load mutation frequency stabilization time (S): ≤ 2
Size:3100*1350*1950 (LxWxH mm)	Unit weight:2700kg

Prime 350kW diesel generator configuration

Diesel engine	Model	WP13D405E200
	Rated power	350KW
	Cylinders	6
	Bore * stroke (mm)	127*165mm
	Type	Straight line, water cooling, four stroke
	Intake mode	Turbo charged
	Combustion mode	Direct injection combustor
	Displacement (L)	12.54L
	Fuel consumption rate (g/kw.h)	$\leq 195\text{g/kw.h}$
	Cooling mode	Closed water cooling
	Startup mode	24V DC electric start
	Lubrication method	Pressure and splash lubrication
Alternator	Model	STF-350
	Rated power	350KW
	Rated current	540A
	Rated voltage	220V/380V
	Frequency	50HZ
	Speed	1500rpm
	Power factor	0.8
	Phase number	Three phase four wire
	Type	Pure copper brushless
	Protection grade	IP23