

Generating set parameters:	
Generators manufacturer	Foshan long macro mechanical
Generating set type	GF-280
Unit rated power	280KW
Unit rated capacity	350KVA
Unit rated current	504A
Unit rated voltage	400V / 230V (can produce different voltage)
Rated frequency	50Hz (can produce 60HZ)
Rated speed	1500 rpm (1800 rpm can be produced)
Power Factor	0.8 hysteresis
Fuel consumption	≤195g/kW·h
Debug mode	electronic speed control
Size of unit	3100x1400x1650(mm)
Unit weight	2600KG
Engine parameters	
Engine brand	Shandong Weifang Diesel Engine
engine model	WD618.42D
Engine power	317KW
Cylinder type	6-cylinder L-row, 4-stroke
Bore travel	126x135(mm)
Aspiration method	Turbocharged with intercooler
Debug mode	electronic speed control
Rated speed	1500rpm
Fuel consumption	≤195g/kW·h
Displacement	9.726L
cooling method	Forced water cooling
Debug stability	≤5%
Start mode	DC24V
Generator parameters	
Generator brand	Long Hong / Foshan generator (optional brands: Stanford, Marathon, Inge, three waves, Lan, Deco, Thailand)
Generator model	TFW2-280-4
Rated power	280KW
Rated voltage	400V/230V
Rated current	504A
Rated frequency	50Hz
Rated speed	1500rpm
Excitation mode	Brushless self-excitation
Voltage adjustment range	≥5%
Voltage adjustment range...	≤±5%
Insulation class	H
Degree of protection	IP23
Electrical performance of the unit	
Stable voltage regulation	≤2.5%
Transient Voltage Regulation	≤(-15~+20)%
Voltage settling time	≤1S
Voltage fluctuation rate	≤0.5%
Steady - state frequency adjustment rate	≤10%

Transient Frequency Regulation	$\leq(-7\sim+10)\%$
Frequency recovery time	$\leq 3S$
Generators standard configuration is as follows	
1, industrial water-cooled diesel engine;	
2, single bearing anti-drip generator, IP22 protection, insulation class H;	
3, 40 °C ambient temperature radiator, double cooling;	
4, random data: generators, engines, units (manual, technical manual, three packs of manuals)	
5, the standard air filter; muffler	
6, steel base with shock pad;	
7, outlet switch;	
8, air switchgear (manual); (can provide ATS automatic switch cabinet)	
9, electrical start;	
10, battery; 150HA * 2	