

Reliable, Efficient and Economic , Simpower products are integrated system with its product quality and after-sale service to meet the ISO9002, CSA, US Military, NATO, UL and FAA standards.

MODEL	VOLTAGES	PHASE	PRIME POWER	STANDBY POWER
SP1100D	230/400V	3	1000KW/1250KVA	1100KW/1375KVA

STANDARD GENERATOR SET PACKAGE

ENGINE

Air Cleaner (Dry Type)	Exhaust hose flange	Muffler Industrial	DC generator(battery)
Filter, Fuel & Oil	Water tank(base install)	Steel base skid	Fuel hose
Solenoid valve	Battery Charger	Flywheel(SAE)& Housing	Starter, Electric
Battery Cables	Electronic governor	Turbocharger	Crankcase
Cooling water pump	Vibration Isolation	Coolant Oil	Gear Driven

GENERATOR

■ MEC20 Auto Start Control Panel

Brushless, Synchronous	—LCD digital display :	Three-phase voltage / current, frequency and apparent power, oil pressure, water temperature, Battery Voltage, Running hour meter, AC meters, Delay timers, alarm and shutdown display, genset status.
Anti heat Insulation		
Regulator, Adjustable		
Volts Per Hertz		
Voltage Adjust Rheostat	—Control Mode:	Running / Stop / Auto / Load test, Buzzer stop, Lamp test, fault reset
	—Sshutdowns	Fail to start, Over speed, Under speed, Low Oil pressure, High Water Temperature, Emergency Stop, Under voltage
	—Alarms	Switch not in Auto, low fuel level, low engine temperature, low oil pressure (pre-alarm), High water temperature (pre-alarm),High voltage, Over current, Low battery voltage, High battery voltage, weak battery, charger input failure, low frequency, high frequency, spare alarm inputs(8 slots)
	—LED Display:	Switch position(Run / Stop / Auto / Load Test), System Alarm, System Stop, System Ready, Speed signal and Emergency Stop

OPTIONAL EQUIPMENT

■ ENGINE

Air starter
Heat Exchanger
cooling
Remote Radiator

■ GENERATOR

Paralleling
options/accessories
Moisture proof
heating dehumidifier
Over sized heat
distribution
accessories

■ SWITCHGEAR EQUIPMENT

Automatic Transfer
Switch
Dual Standby
Systems
Circuit Breaker

■ SOUND ATTENATED

GENEROR SETS
ISO Container
Sheet Metal
Aluminum
Sound Attenuation
Seismic Isolation

■ CONTROL PANEL

Simulated Inputs
Parallel /
Synchronizing
Remote Alarm
Remote
communicator
RS232 port and
modem

SPECIFIC SHEET

■ GENERAL ENGINE DATA

Manufacturer.....PERKINS
Model.....4012TWG2
No. of Cylinders.....12
Aspiration.....Line
Displacement(L).....45.8
Bore.....160mm
Store.....190mm
Air intake way.....Turbocharge after-cooling
(water-cooling)
Consumption.....207g/kwh
Compression ratio.....13.6:1
Burning way.....Direct
Cooling way.....water cooling
Oil capacity.....178L
Lubricant oil.....15W/40
Lubrication oil consumption...0.6g/HP-hr
Cooling water.....230L
Exhaust volume.....2.08L/S

■ GENERATOR DATA

ManufacturerSTANFORD
Model.....HCI634Z
Insulation Class.....H 级
Protection Class.....IP23
Wave distortion.....<1.5% (no load)
Range of voltage regulation.....±0.5%(MX321)
Excitation.....voltage adjustable, brushless
Rated Voltage.....400V
Rated Power.....50Hz
Rated Speed.....1500r/m
Power Factor.....0.8(Lag)

DIMENSIONS AND WEIGHTS

Length(L): mm	Width(W):mm	Height(H): mm	Weight: Kg
4939	2040	2307	9336