

Reliable, efficient and economic are the integrated advantages in Simpower generators, its product quality and aftersales services all comply with international standards, like ISO9002、CSA、U.S Military、NATO、UL and FAA.

Genset Model	Voltage	No. of phases	Prime Power	Standby Power
SP0053D	230/400V	3	48KW/60KVA	53kW / 66kVA

### Standard Scope of Supply

#### Engine

Air Filter (dry type)	Exhaust Flex Flange	Muffler(industry style)	DC generator (for battery charging)
Fuel Filters	Radiator (unit mount)	Steel base skid	Fuel hoses
Oil Filters	Battery Charger	Flywheel (SAE)and housing	Starting motor
Electronic Solenoid	Electronic Governor	Turbo Charger	Crank case
Battery Cables	Isolators	Oil cooler	Lube oil pump
Cooling Pump			

#### AC generator

Brushless  
Synchronizing  
Anti heat insulation  
Adjustable regulator  
Voltage/Frequency  
Voltage adjustable

#### ■ SAC2000 Auto Start Control Panel

<b>LCD digital display</b>	Three-phase phase / line voltage, three-phase current, frequency, three-phase apparent power, three-phase power and total power, three-phase nuclear power and total power, three-phase power factor, active power, idle power, speed, oil pressure, water temperature, speed sensor, battery voltage, run-time units
<b>Panel button</b>	Auto / Manual, testing, startup, shutdown / fault reset, lamp test / muffler, parameter settings, the menu page
<b>Volume Input</b>	Group control signal, stop signal, high-temperature signal, low oil pressure signal
<b>Alarm and shutdown protection</b>	Charging failure, high-voltage, low voltage, ultra-current, low-speed, speeding, low oil pressure, high temperature, start failure, urgent stop, the failure of backup alarm / downtime
<b>Control Relay Output</b>	Throttle control, boot control, DC charger excitation, the normal operation of generating units, unit fault
<b>LED instructions</b>	Auto / manual operation, start running, stopping / shutdown failure, muffler, charging failure, launch failure, low oil pressure, high temperature, speeding failure, stop

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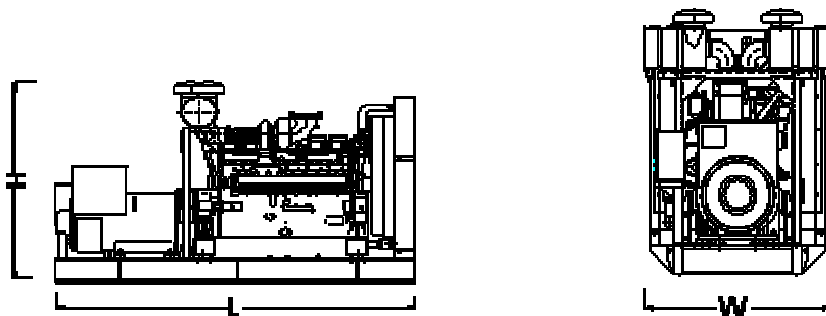
Web site: [www.simpower.com.cn](http://www.simpower.com.cn)

### Optional Accessories

<b>■ Engine</b> Air starter Heat exchanger Remote radiators	<b>■ AC generator</b> Paralleling Options/accessories Moisture proof heating dehumidifier Oversized heat distribution accessories	<b>■ Switchgear</b> ATS Dual standby Circuit breaker	<b>■ Sound attenuation system</b> ISO container Sheet metal enclosure Alumium enclosure Sound attenuation Anti vibration	<b>■ CONTROL PANEL</b> Simulated Inputs Parallel / Synchronizing Remote Alarm Remote communicator RS232 port and modem
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### Technical Specifications

<b>■ Engine</b> Manufacturer..... DEUTZ Model..... F6L913 No.of Cylinder .....6 Cylinder arrangement .....Line Displacement.....6.128L Bore.....100mm Stroke.....125mm Fuel consumption.....240g/kwh Burning way.....Direct Air intake way.....Natural Cooling way.....Air cooling Lubrication oil consumption... 0.6g/Hp-hr Exhaust volume.....2.08L/S	<b>■ AC Alternator</b> Brand.....MARATHON Model.....MP-48-4 Insulation Class .....H Rated Voltage .....400V Rated Frequency .....50Hz Rated Speed.....1500 RPM Power Factor .....0.8 (lagging)
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### Dimensions and Weight

Length(L): mm	Width(W): mm	Height(H): mm	Weight: kg
2200	1000	1200	990