

MODEL	P560C-60
Standby Power (60Hz)	560KW / 700KVA
Prime Power (60Hz)	500KW / 625KVA

Standard Features

General Features:

- Engine (CCEC Cummins KTAA19-G6A)
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H
- Absorber
- Dry type air filter, double fuel filter, oil filter, coolant filter
- Main line circuit breaker
- Standard control panel
- Two 12V batteries, rack and cable
- Ripple flex exhaust pipe, exhaust siphon, flange, muffler
- User manual



Generator Ratings

Voltage	HZ	Phase	P.F (COS ϕ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	60	3	0.8	984	600/750	550/688
480/277	60	3	0.8	902	600/750	550/688

Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97 (eqv ISO8528) ; A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

Sales Promises

Power World provides a full line of brand new and high quality products. Each and every unit is strictly factory tested.

Warranty is according to our standard conditions: a, 15 months, counted on the day Power World sold to the first buyer; b, One year after installation; c, 1000 running hours (accumulated); subject to the earlier one.

Service and parts are available from Baifa Power or distributors in your location.

ENGINE DATA

Manufacturer / Model:	CCEC Cummins KTAA19-G5, 4-cycle
Air Intake System:	Turbo, Air/Air cooling
Fuel System:	PT type fuel pump, EFC
Cylinder Arrangement:	6 in line
Displacement:	19L
Bore and Stroke:	159*159 (mm)
Compression Ratio:	13:1
Rated RPM:	1800rpm
Max. Standby Power at Rated RPM:	664KW/890HP
Governor Type:	Electronic
Frequency Regulation, Steady State:	≤1.5%

Exhaust System

Exhaust Gas Flow:	2093L/s
Exhaust Temperature:	670℃
Max Back Pressure:	10kPa

Air Intake System

Max Intake Restriction:	6.23kPa
Consumption:	768L/s
Intake Flow:	18800 L/s

Fuel System

110%(Standby Power) Load:	197g/kwh
100%(Prime Power) Load:	196g/kwh
Total Fuel Flow:	194g/kwh

Oil System

Total Oil Capacity:	50L
◆ Oil Consumption:	≤4g/kwh
Engine Oil Tank Capacity:	38L
Oil Pressure at Rated RPM:	345-483kPa

Cooling System

Total Coolant Capacity:	195L
Thermostat:	82-93℃
Max Water Temperature:	104℃

ALTERNATOR SPECIFICATION

GENERAL DATA

Compliance with GB755, BS5000, VDE0530, NEMAMG1-22, IED34-1, CSA22.2 and AS1359 standards.

Alternator Data

Number of Phase:	3
Connecting Type:	3 Phase and 4 Wires, "Y" type connecting
Number of Bearing:	1
Power Factor:	0.8
Protection Grade:	IP23
Altitude:	≤1000m
Exciter Type:	Brushless, self-exciting
Insulation Class, Temperature Rise:	H/H
Telephone Influence Factor (TIF):	<50
THF:	<2%
Voltage Regulation, Steady State:	±1%
Alternator Capacity:	750KVA
Alternator Efficiencies:	95%
Air Cooling Flow:	1.1m³/s

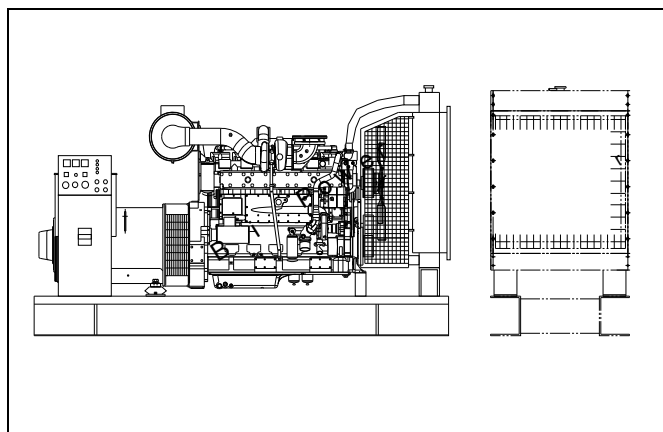
GENERATING SET DATA

Voltage Regulation:	±5%
Voltage Regulation, Stead State:	±1%
Sudden Voltage Warp (100% Sudden Reduce):	±25%
Sudden Voltage Warp (Sudden Increase):	≤-20%
Voltage Stable Time (100% Sudden Reduce):	≤6S
Voltage Stable Time (Sudden Increase):	≤6S
Frequency Reduce:	≤5% Adjustable
Frequency Regulation, Stead State:	≤1.5%
Frequency Waving:	≤0.5%
Sudden Frequency Warp (100% Sudden Reduce):	±12%
Sudden Frequency Warp (Sudden Increase):	≤-10%
Frequency Recovery Time (100% Sudden Reduce):	≤5S
Frequency Recovery Time (Sudden Increase):	≤5S

Options

Engine	Fuel System	Control System
<ul style="list-style-type: none"> Heater 2KW & 4KW Battery Charger 3.5A & 7A 	<ul style="list-style-type: none"> Daily Fuel Tank Base Fuel Tank Water Separator Fuel Level Sensor 	<ul style="list-style-type: none"> Auto Control Panel Remote Control Panel Auto Transfer Switch (ATS) Paralleling System
Alternator	Others	Data
<ul style="list-style-type: none"> Anti Condensation Heater Permanent Magnet Generator (PMG) Drop CT (For Paralleling) 	<ul style="list-style-type: none"> Rainproof Type Soundproof Type Trailer Type 	<ul style="list-style-type: none"> Engine Parts Drawing List Spare Parts

Dimension & Weight



Standard Configuration (Open Type)

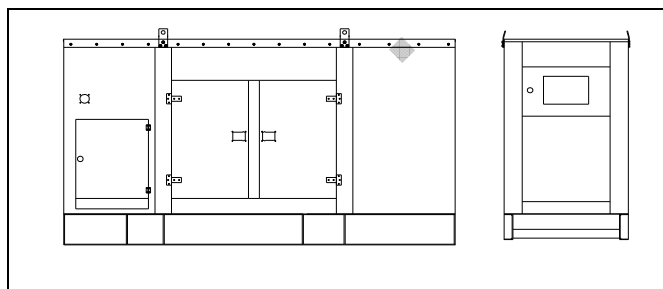
Overall Size: 3650 (mm) * 1638 (mm) * 2000 (mm)

Weight: 4550kg

With Base Fuel Tank

Overall Size: 3650 (mm) * 1638 (mm) * 2050 (mm)

Weight: 4650kg



Soundproof Type

Overall Size: 5030 (mm) * 1840 (mm) * 2530 (mm)

Weight: 5850kg