

## Quotation

<b>Supplier</b>	Jiangsu Xinghuachang Generator Equipment Co., Ltd	<b>Website</b>	www.gensetsproducer.com
<b>Address</b>	Sandang Industrial park of Xiannv Town, Jiangdu District, Yangzhou City, Jiangsu Province		
<b>Contact</b>	<b>Tel/Mob</b>	<b>Email</b>	

Item	Product Description	Engine Brand & Model	Alternator Brand & Model	Type	Unit Price
1	Gen-set model:HC200GF Gen-set power: 250KVA Gen-set Origin: Yangzhou	Brand: Cummins Model: MTA11-G2 Origin: Chongqing	Brand: Huachang Model: HC200-14 Origin: Jiangsu		USD

### CCEC Cummins 250KVA Open Type Diesel Generator set



### CCEC Cummins 250KVA Silent Type Diesel Generator set



### Noise test data of 250KVA Silent type Diesel generator set

Distance \ Orientation	1m distance noise data		7m distance noise data	
	Low Speed	High Speed	Low Speed	High Speed
Front		83.4db		73.1db
Back		82.6db		72.8db
Left		82.1db		72.3db
Right		82.3db		72.2db

### Standard Configuration

- Radiator 50°C max(Copper water tank), fans driven by belt, with safety guard
- 24V charger Alternator、 Main line circuit breaker (MCCB)
- Absorber、 Muffler & bellows and other spare parts
- Dry type Oil filter、 Fuel filter、 Air filter
- AMF control panel (GU3320)、
- Two 24V batteries, rack and cable、 CCEC tool package
- User operation and maintenance manual.



### Gen-set Technical Parameters

Gen-set Model:	HC200GF	Steady voltage adjustment rate (%):	≤ ±1
Main/Standby Power:	250KVA/277KVA	Voltage fluctuation rate (%):	≤ ±0.5
Power factor:	0.8	Transient voltage adjustment rate (%):	+20 ~ -15
Rated output voltage:	400V/230V	Voltage stability time (s):	≤ 1
Rated output current:	360A	Frequency fluctuation rate (%):	≤ ±1
Rated frequency:	50HZ	Transient frequency adjustment rate (%):	≤ ±0.5
Rated speed:	1500rpm	Frequency stability time (s):	≤ 3
Open Dimension:	3200mm*1000mm*1800mm	Waveform distortion rate (%):	≤ 5
Weight:	2320KG	Relative air humidity (%):	≤ 90
Canopy Dimension:	4000mm*1800mm*2150mm	Weight:	4120KG

### Engine Technical Parameters

Brand & Origin:	CCEC Cummins	Fuel System	100% load:	213g/kw · h	
Engine model:	MTA11-G2		50% load:	208g/kw · h	
Main/Standby Power:	276.8KVA/307.5KVA		100% load (L):	52.7L/h	
Rated speed:	1500rpm	Cooling System	Style:	Closed circulating water cooling	
Type:	4Stroke、In-Line Type、6Cylinder		Cooled water Capacity:	61L	
Start Model:	24VDC electric start		Max water temperature:	104℃	
Type of Governor:	Electric (E)	Oil System	Oil Capacity:	36.7L	
Bore X Stroke (mm):	125x147		Oil Type:	SAE 15W-40	
Compression Ratio:	16.1:1		Oil consumption:	4g/kw · h	
Displacement (L):	10.8	Exhaust System	Exhaust Temperature:	518℃	
Intake System	Max intake pressure:		6.2 kpa	Exhaust capacity:	707L/s
	Air flow rate:		334m <sup>3</sup> /min	Exhaust back pressure:	10kpa

### Alternator Technical Parameters

Brand & Origin:	Jiangsu Huachang	Protection class:	IP22
Engine model:	HC200-14	Insulation class:	H/H
Rated Power:	250KVA	Efficiency:	0.91
Rated voltage:	400V/230V	Structure:	brushless, self-exciting
Output power factor:	0.8	Steady voltage adjustment rate (%) :	≤±1
Frequency (HZ) :	50HZ	Voltage regulation model:	AVR
Stator winding:	12ends	Connection:	Three-phase four wire, Y connection
Waveform:	THF<2%	Waveform:	THD<3%
Telephone interference factor:	TIF<50		

### Engine & Alternator & Silent box Warranty

The engine of DG sets will be recorded into the Cummins company data center to ensure that the engine can be maintained through the Cummins global warranty system; Besides, the alternator will be handled with special technology to ensure it can be anti-corrosion、anti-moisture、anti-fungus; Thirdly, all sheet metal used for making silent box are anti-corrosion and painted with a two-step electro-coating paint process and the silent box can be lifted in the top surface.. In addition, the radiator is 50℃ copper water tank to adapt to the worse environment.