

POWER YOUR FUTURE

Cummins Generator

LG350C

NTA855-G3

Prime Power: 315KW/394KVA

Standby Power: 350KW/438KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

Cummins Series 60HZ

Technical Data

LG350C

Model		LG350C
Rated prime power	kW	350
Rated standard power	kVA	438
Rated voltage line to line	V	220/127
Rated current	A	1148
Maximun sound level	dB(@7m)	≤100

Engine-DCEC Cummins

Model	NTA855-G3	
Aspiration	Turbo, Water/Air cooling	
Fuel system	PT type	
No. cylinders	6 in line	
Displacement	Liquid	14
Bore*Stroke	mm	140*152
Compression ratio	14	
Rated speed	r/min	1800
Rated net power(with fan)	Kw	313
Governor type	EFC Electrical	
Start Motor	V	24

Exhaust System

Exhaust gas flow	L/s	980
Exhaust gas temp	°C	485
Max back pressure	kPa	10

Aspiration System

Max inlet pressure	kPa	6.25
Combustion volume	L/s	375
Air flow	L/s	8180

Fuel System

100% load(Prime power)	L/h	61.3
75% load(Prime power)	L/h	44.9
50% load(Prime power)	L/h	27.6
Fuel tank capacity	L	480

Lubrication System

Oil capacity	L	38.6
Oil consumption	L/h	≤0.24
Oil pressure	kPa	241-342
(continuous operation)		

Cooling System

Coolant capacity	L	85
Thermostat operation range	°C	82-93
Max water temperature	°C	104

Alternator

Model	LK444ES	
	STAMFORD	HCI444ES
Phase	3	
Voltage	V	220/127
Wiring Type	3 Phase 4 wire, Y type	
Bearing	1	
Power factor	0.8	
Frequency	Hz	60
Prime power	KVA	360
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller-DEEPSEA

Model	DSE6120
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Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options



- Auto generator control module
- Control module with "Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Standard Features

- Engine(CCEC Cummins)
- Radiator 50°C max,fans are driven by bel
- 24V charge alternator
- Alternator: single bearing alternator IP23, insulation class H/H
- Standard auto control system
- One set of air filter, fuel filter, oil filter
- Main line circuit breaker/MCCB
- Base fuel tank
- Two 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler
- User manual

Options

- Battery charge
 - Engine heater
 - Alternator heater
 - PMG
 - Water oil separator
 - Daily fuel tank
 - Remote control panel
 - Automatic transfer switch/ATS
 - Switch box
- Standard: ● Options:○

Warranty*

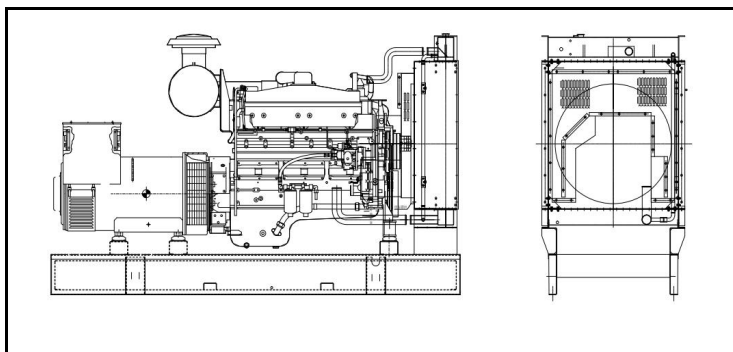
Cummins Engine

12 months from date of purchase and 1000 hours.

Generator

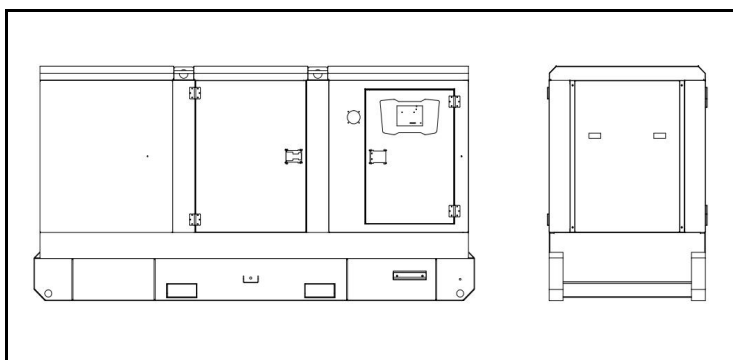
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	3100*1100*1850
Weight	kg	3350



Silent Type

L*W*H	mm	3980*1400*2150
Weight	kg	4000