

POWER YOUR FUTURE

Cummins Generator

NTA855-G1B

Prime Power: 280KW/350KVA

Standby Power: 308KW/385KVA



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

25KVA--1400KVA

Technical Data

Model

Rated prime power	kva	350
Rated standard power	kva	385
Rated voltage line to line	V	220/127
Rated current	A	918
Maximum sound level	dB(@7m)	≤100

Engine-DCEC Cummins

Model	NTA855-G1B	
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	LK444D	
	STAMFORD	HCI444D
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*

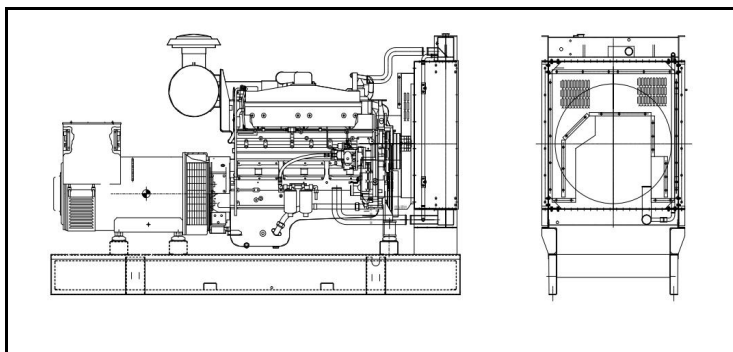
Cummins Engine

12 months from date of purchase and 1000 hours.

Generator

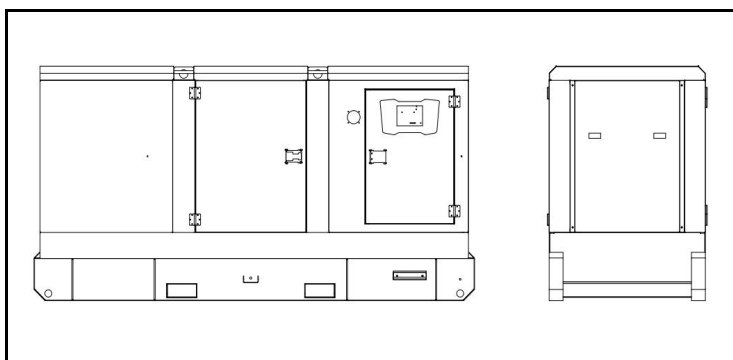
12 months from date of purchase or 1000 hours (whichever occurs first).

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

Manufacturer reserves the right to make changes in model, technical specification, color, equipment and accessories without notice.