



## Water Cooling AC Three Phase Diesel Generator / 450kW Diesel Generator

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: DELLENT- SDEC
- Certification: CE ISO
- Model Number: DE-SC619
- Minimum Order Quantity: 1\*20GP
- Price: USD22000-26000
- Packaging Details: PLASTIC WRAP
- Delivery Time: 30 DAYS FROM DEPOSIT RECEIVED
- Supply Ability: 500 PCS PER MONTH



### Product Specification

- Name: Three Phase Diesel Generator
- Engine Type: SC27G755D2
- Prime Power: 563kVA / 450kW
- Standby Power: 619kVA/495kW
- Voltage: 400V/230V
- No. Of Cylinder: 12 Cylinder V Ttyp
- Rated Speed: 1500rpm
- Controller: Deepsea/Smartgen/ ComAp
- Frequency: 50HZ
- Highlight: **Water Cooling AC Diesel Generator,  
Three Phase Diesel Generator 450kW,  
450kW Diesel Generator**

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## Product Description

450kW SDEC Diesel Generator

SDEC continuous diesel generator

563kVA Three Phase Diesel Generator



## PRODUCT DESCRIPTION

**Three Phase Diesel Generator 450kW Driven by Chinese Diesel Engine for Continue Working**

**Prime Output** is available for an unlimited number of hours per year in a variable load application. The permissible average power output over 24 hours of operation shall not exceed 80% of the prime power rating.

**Standby Output** is available in the event of a utility power outage or under test conditions for up to 200 hours of operation per year. The permissible average power output over 24 hours of operation shall not exceed 80% of the standby power rating.

**Technical Data of 450kW Three Phase Diesel Generator:**

Model		DE-SC619
Max. Power	kVA	619.0
	kW	495.0
Rate Power	kVA	563.0
	kW	450.0
Frequency	Hz	50
Rate Voltage	V	400/230
Rate Current	A	811.9
Dimension For Open-type Genset	mm	3600 X 1800 X 2150
Weight For Open-type Genset	kg	4400
Dimension For Soundproof Genset	mm	4700 X 1900 X 2300
Weight For Soundproof Generator	kg	5650
Noise Level at 7 Meters	dBA	75
Fuel Tank Capacity	Litres	700
Battery	Four of 150A Free Maintenance Battery	

The SDEC supply the SC series for output rated 10kVA to rated 1250kVA diesel generator, also supply the 4H, 6H, 6D and 6E series diesel engine for 25kVA to 413kVA SDEC diesel generator. The diesel engine with the emission of EURO Stage II standard. The diesel engines are widely used for the diesel generator, construction machinery, trucks, boats and agricultural machinery.

**Technical Data of SDEC Diesel Engine:**

Engine Manufacturer		Shanghai Diesel Engine Co., Ltd.
Engine Brand		SDEC
Engine Model		SC27G755D2
No. of Cylinder		6 Cylinder in line
Aspiration		Turbocharged and Air to Air Aftercooled
Governor		Electric
Engine Max. Output Power	kW	555
Displacement	L	26.600
Starting Voltage	V	24
Bore	mm	135
Stroke	mm	155
Lubrication Oil Capacity	L	65
Compression Ratio		16 : 1
Intake Air Flow	M <sup>3</sup> /Min	36
Fuel Consumption at 100% Load	L/H	126.0

Dellent factory supply the open-type diesel generator, soundproof diesel generator and trailer generator set for optional. The 450kW three phase diesel generator set used the Dellent brushless alternator model DE354G450. The alternator with automatic voltage regulation by AVR model SX440. The insulation of the alternator with grade H. And the alternator produced according to GB755, BS5000, VDE0530, NEMA MG1-22, IEC-34, CSA C22-100 and AS1359 standard.

**Technical Data of Hosem Alternator:**

Alternator Manufacturer		Fuan Dellent Electric & Machinery Co., Ltd.
Alternator Model		DE354G450
Alternator Brand		Dellent
Rate Output	kVA	563
Frequency	Hz	50Hz
Current	A	811.2
Insulation		Class H
Voltage Regulation		SX440
Protection Grade		IP23
Working Temperature without Output Decrease		≤1000m
Phase		3 Phase
Temperature Rise		125 Degree Celsius
Alternator for optional	Leroy Somer, Marathon, Mecc Alte and Dellent Brushless alternator for optional	

**Technical Data of Control Panel of Diesel Generator:**

Controller Brand		ComAp
Breaker Brand		Delixi
Breaker Capacity	A	1250
Battery Charger		Smartgen Model BAC06A
Emergency Stop Button		Supply
Automatic Mains Fail (AMF)		Supply
Fuel Level		Supply
Automatic Transfer Switch		ATS as optional part
Mains Monitor		Supply with DELLENT Function

The control panel supply the full protection with alarm and shutdown of the diesel generator include Start-up fault (generator set shutdown), High coolant temperature (alarm and generator set shutdown), Low oil pressure (alarm and generator set shutdown), Low fuel level (alarm), Low cooling fluid level alarm (as optional), Overload (alarm and generator set shutdown), Battery voltage high (alarm).

Optional controller: Each model of Deepsea, Smartgen, ComAp brand controller.

**FAQ:****Q: What the supply range of SDEC Diesel Generator?**

A: The supply range from rated 10kVA to rated 1250kVA with 50Hz, 60Hz.

**Q: What the MOQ?**

A: 1 \*20gp container.

**Q: What the payment term?**

A: 30% of total amount paid by T/T for deposit, and 70% of total amount paid before shipment. Or the L/C payment.

**Q: What the delivery time?**

A: 30 Days after 30% deposit received.

**Q: Which seaport you can ship the diesel generator to oversea country?**

A: We can ship the diesel generator from Fuzhou Port, China. And Fuzhou port is a international seaport in China.

**Q: What kind of the trade term you can offer?**

A: We can offer with FOB, CNF, CIF or CIP.

**Q: Do you have other voltage for optional?**

A: Yes, we can customized made from 110V to 690V for client's optional.

**Q: How many kinds of the diesel generator you have for optional?**

A: We have open-type, soundproof type, waterproof type and trailer type diesel generator for optional.

**Q: Does your generator have global warranty?**

A: Yes. Gensets powered by global brand engine which with the global warranty service. And the alternators Stamford, Leroy somer, Meccalte, Marathon also have the global warranty service. If you use the Chinese brand diesel engine and alternator, we will undertake the warranty, and during the warranty period, if there is any quality problem, we will supply the spare parts to replacement without charges. and the courier charges by air of spare parts will be paid by us.

**Q: Can you customized made the diesel generator?**

A: Yes. Our generators can be customized depending on customers' detailed requirements. We can supply diesel generators for rental business, home use, industrial projects, army projects, power station, etc. The diesel generators we supply are suitable for indoor and outdoor use, lower and high temperature environment.

#### **. Why Choose Us:**

**Dedicated**

We are DEDICATED to meet Customers' need.

**Enthusiasm**

We respond to our Customers' ENTHUSIASM

**Loyalty**

We cherish our Customers' LOYALTY

**Luxury**

We aim to establish our own LUXURY brand

**Efficient**

We offer our EFFICIENT service

**Newest**

We adopt NEWEST technologies for products

**Trust**

We strive for winning the TRUST from Customers

#### **. QUALIFICATION CERTIFICATE:**

Our gensets are with many brands of engine



## . FACTORY INTERIOR:



**Fuan Dellent Electric & Machinery Co., Ltd.**



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