



NW-K Plus Serie  
Powered By Fawde Motor

## NWK165 Plus "Super Silent Generator"

### Ratings

Output Ratings	Prime Power	Standby Power
	150 kVA / 120 kW	165 kVA / 132 kW

The specified performance values are maximum values. It is highly recommended not to use the aggregate with more than 80% load of the specified prime power.

The starting load and the peak power should be considered carefully.

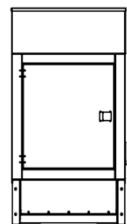
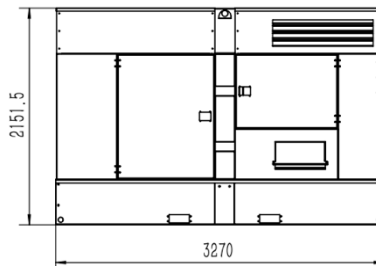
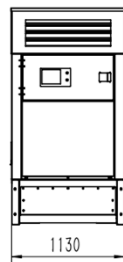
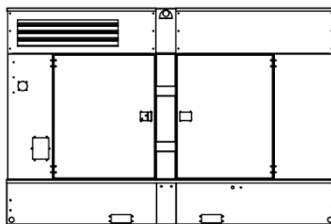
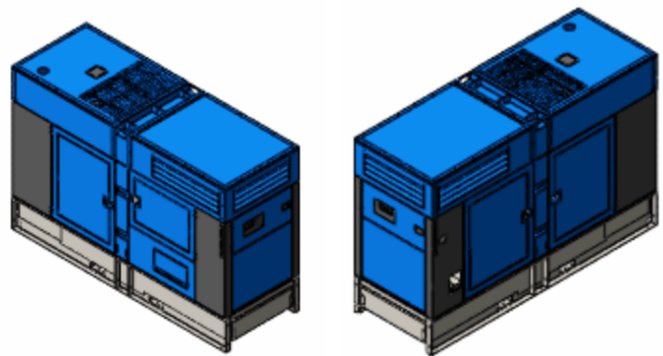
Performance to 0.8 power factor. Ambient frequency at 1000mbar: 25°C, 30% humidity.

### Performance Data

Engine Brand / Model	Fawde / CA6DF2-19D	
Alternator Brand / Model	Newpower / NW/N165	
Frequency & Phase	50 Hz & 3 Phase	
Engine Speed (RPM)	1500	
Tank (L)	300	
Fuel Consumption (l/hr)	100% Load	28,2
	75% Load	21,5
	50% Load	14,4
Standard Noise Level @ 7m	ca. 65 dB	

### Dimensions and Weights

Canotype		Silent Type
Dimensions (mm)	L	3270 mm
	W	1130 mm
	H	2150 mm
Weight (Kg)		2495 kg



We reserve the right to make changes to the model, specifications, color, configuration and accessories without prior notice. Please contact us before placing your order.

[www.newpower.com.de](http://www.newpower.com.de)



### Typical Engine Data / Engine Brand & Model: Fawde & CA6DF2-19D

No. Of Cylinders / Alignment	6 / In Line	Gross Engine Power	Prime	140 kW
Cycle	4 Hub		Standby	154 kW
Bore / Stroke	110 mm / 125 mm	Compression Ratio		17:1
Intake	Turbocharger	Displacement (L)		7,12
Cooling Method	Water	Regulation		Electronic
Lubricant Oil	15W-40	Netto Weight (Kg)		411
Oil Capacity (L)	23	Emission Standard		Stage II

Wuxi Diesel Engine Works, also known as FAWDE, was established in 1943 in Wuxi, Jiangsu, China. In 1992, the company was incorporated into the FAW Group and is now part of the FAW Jiefang Automotive Company. One of the largest automotive groups in the world. Through joint ventures with various well-known companies such as Volkswagen, Toyota or Deutz, FAWDE now has some of the best engines for power generation and industrial applications.

### Alternator Data / Brand & Model: Newpower & NWN165

Nominal Performance	150 kVA	Insulation class	H
Maximum Performance	165 kVA	Protection	IP23
Winding	%100 Copper	Winding pitch	2 / 3
Brush Type	Brushless	Amortisseur winding	voll
Generator Type	Alternating Current	Ambient temp	50 °C
Bearing	Single	Stator rated temp	125 °C
A.V.R.	SX440 / SX460	Phase Sequence	A(U), B(V), C(W)
Voltage Regulation	±1.0%	THF(BS EN60034-1)	<2%
Trigger System	Self	TIF(NEMA MG 1-22)	<50

### Controlsystem :



Intelilite 4 AMF 8

Intelilite 4 AMF 8 is a single genset controller for standby and prime power applications. Intuitive, flexible, easy to install and use, the Intelilite 4 AMF 8 controller offers multiple configuration options to create the best solution for on-site and remote control and monitoring of your gensets.

## Characteristic

Included	Optional
<ul style="list-style-type: none"> <li>o 4-stroke 1500 rpm, water-cooled heavy-duty diesel engine</li> <li>o Replaceable dry type air filter</li> <li>o Heat resistant cooler for 50°C.</li> <li>o Flexible oil lines and oil drain valve</li> <li>o Single layer, brushless AC generator</li> <li>o batteries and cables</li> <li>o Circuit breaker - RCD protection</li> <li>o Industrial silencer Soundproof Plus</li> <li>o battery charger</li> <li>o cooling water heater</li> <li>o sockets</li> <li>o Galvanized canopy</li> <li>o circuit diagram</li> <li>o User Manual and Instruction Manual</li> </ul>	<ul style="list-style-type: none"> <li>o Automatic transfer switch</li> <li>o External fuel tank</li> <li>o fuel heater</li> <li>o Oil heater</li> <li>o Fuel filling system (automatic / manual)</li> <li>o Analog displays</li> </ul>