

# PRODUCT PARAMETERS



WELDING / GENERATOR SET	DE33D5EW	DE22D5EW
Backup Power Supply	1*16A Single phase	1*16A Single phase
	1*32A Three-phase	1*32A Three-phase
Ambient Temperature	-10-40°C	-10-40°C
Altitude	≤1000m	≤1000m
Protection Class	IP23	IP23
Fuel Tank Capacity	80L	80L
Weight (Without Trailer)	850Kg	850Kg
Dimensions (Without Trailer)	1795*1000*1250(mm)	1795*900*1250(mm)

WELDING MACHINE	DE33D5EW	DE22D5EW
Rated Current	500A	400A
Current Regulation	20~500A	20~400A
Rated Voltage	380Vac	380Vac
Welding Rod Diameter	2~8mm	2~6mm
No-load Voltage	71V	71V
Rated Load Duration	60%	60%

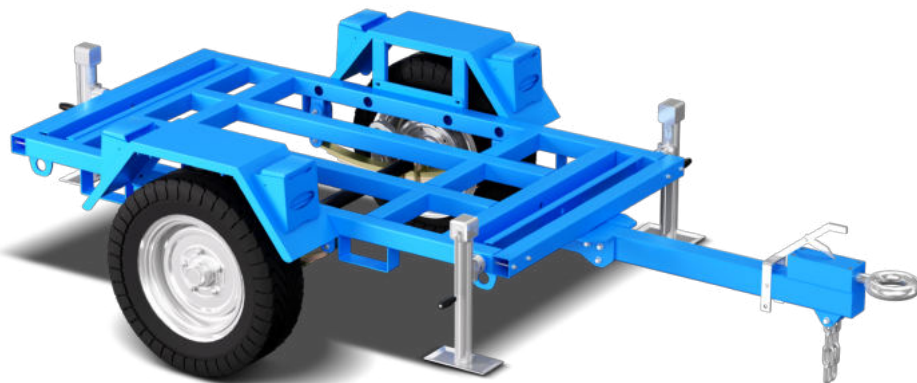
ALTERNATORS	DE33D5EW	DE22D5EW
Rated Output Power	31.3KVA	22.5KVA
Rated Voltage	380Vac	380Vac
Frequency	50Hz	50Hz
Rotation Speed	1500rpm	1500rpm
Insulation Class	H	H

ENGINES	DE33D5EW	DE22D5EW
Model	BFM3 G2	BFM3 G1
Fuel Type	Diesel fuel oil	Diesel fuel oil
Type	Inline, Four-stroke, Turbocharged and Charge Air Cooled	Inline, Four-stroke, Turbocharged and Charge Air Cooled
Displacement (CC)	3.168L	3.168L
Oil Capacity	7.5L	7.5L
75% Load Fuel Consumption	5.8L/h	4.0L/h

## TRAILER PARAMETERS

### GENERAL

Axle Weight Rating	1500Kg
Vehicle Weight Rating	1300Kg
Net Payload	1200Kg
Vehicle Height	515mm
Track (Center to Tire Center)	1290mm
Standard Tire	B78-13
Dimensions	L*W : 3120mm*1480mm
Net Weight	250Kg



# WELDING PROCESS SPECIFICATIONS FOR SHIELDER METAL ARC WELDING

Workpiece Thickness (mm)	<1	2	3	4~5	6~12	≥13
Welding Rod Diameter (mm)	1.5	2	3.2	3.2~4	4~5	5~8
Welding Current (A)	20~40	40~50	90~110	90~130	160~250	250~500

## OPTIONAL

1. Plugs comply with the German industrial standard DIN VDE 0623 and the European/international standard EN/IEC 60309-2.



2. Shielded metal arc welding cable set, length and quantity can be customized.



3. Remote precise current regulation, with cable, length can be customized.



4. Spark arrestor to prevent particles from running out of the muffler and causing a fire.



5. Cable hooks for placing cables, convenient for equipment movement and transportation.



# ABOUT AGG POWER

AGG is a multinational company focused on the design, manufacture and distribution of power generation systems and advanced energy solutions. AGG's products include diesel and alternative fuel powered electrical generator sets, natural gas generator sets, DC generator sets, light towers, electrical paralleling equipment and controls.

With the vision of "building a distinguished enterprise, powering a better world", AGG will continue to innovate and power the success of its customers, employees and business partners.



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