

# PANTHER MFW500SS-K



The industry renowned PANTHER range of Diesel-Driven Welder-Generators is now available in a 200Amp Single-Phase, two 300Amp Multi-Phase and a 500Amp Multi-Phase Dual Operator model. These are the MFW200-K, MFW307-K, MFW311-K and **MFW500SS-K**, all of which utilise a Kubota Engine as their power source and engine management system.

We also have access to a full range of spare parts for previous models, including the Panther 270, 304, 306, 307, 310 and 310M. Many parts for these machines are currently kept in stock in the UK.



- Reliable performance
- Petrochemical Approved Standard
- Safety features - RCB's fitted as standard
- Multiphased Dual Operator Module
- Simultaneous use of welder and AC power
- Auto-idling system
- Low noise levels
- Easy maintenance
- Large fuel tank
- Electronic engine governor
- Manufacturers EMS
- EC Approved

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# SPECIFICATIONS

## MFW500SS-K

### GENERATOR

#### DC WELDER

Rated Output	kW	18
Rated Current	A	520
Rated Voltage	V	40
Current Range	-	30~500A(15~250A x 2/Double Operator)
Open-circuit Voltage	V	75
Rated duty-cycle	%	50
Rated Speed	min <sup>-1</sup>	1,500
Type		Rectified DC. Output type
Applicable Electrode	mm	2.0~6.0

#### Aux. Power

Rated Output	kVA	20	3.68
Rated Voltage	V	415	230
Rated Current	A	28.9	16
No. of Phase	-	3-phase/4wires	1-phase/2wires
Power Factor	%	80	100
Rated Output	kW	3.52	
Rated Voltage	V	110 (Center Tap Earth Type)	
Rated Current	A	32	
No. of Phase	-	1-phase/2wires	
Power Factor	%	100	
Frequency	Hz	50	
Rated Speed	min <sup>-1</sup>	1,500	
Rating	-	Continuous	
Excitation	-	Brushless	

### SET ENGINE

Model & Maker	-	V3300 (KUBOTA)
Type	-	4-cycle, water-cooled diesel engine
Cylinder arrangement	-	4-L
Total displacement	cc	3,318
Rated output	kW	14.2
Rated speed	min <sup>-1</sup>	3,000
Cooling system	-	Water-cooled by radiator type
Driving system	-	Direct coupling with the engine
Fuel oil	-	Diesel light oil
Starting system	-	Electric motor, 12V
Fuel tank capacity	L	60
Battery capacity	-	12V-85D31
Dimensions LxWxH (approx.)	mm	2,100 x 900 x 1,100
Net dry mass (approx.)	kg	1,050



### Optional Extras

- 2-Wheel Road Tow Assembly
- Remote Control Unit c/w Cable
- Chalwyn Valve
- Spark Arrestor
- 2kg Fire Extinguisher c/w Bracket
- Full Petro-Chemical Specification
- Galvanised Dip Trays
- Wheel-Barrow Type Fuel Bowsers

