



## WB-M500 Inverter Welding Power Supply

The standard welding supply for high quality welding in any situation. Provides significant improvement in arc stability in the range of low to high electric currents. Delivers a beautiful weld bead with a uniform bead end and less voltage fluctuation, even during high-speed welding.

Item	Specification
Model	WB-M500
Number of phases	3
Rated frequency	50/60Hz
Rated input voltage	460V
Input voltage range	V±10%
Rated input power	25.2kVA 22.9kW
Rated input current	31.7A
Rated output current	500A
Rated load voltage	39.0V
Rated output current range	30 - 500A
Rated output voltage range	12.0 - 39.0V
Maximum no-load voltage	81V
Rated duty cycle	100%
Number of welding conditions	100
Operating temperature range	14° F to 104° F (-10 to +40° C)
Operating humidity range	less than 50%, 104° F (40° C), less than 90%, 68° F (20° C)
Storage Temperature Range	-13° F to +131° F (-25 to +55° C)
Storage humidity range	less than 50%, 104° F (40° C), less than 90%, 68° F (20° C)
Dimensions (W x D x H)	15.6 x 28.0 x 31.9 in. (395 x 710 x 810mm)
Mass	170 lbs (77kg)
Rated output current	400A
Rated load voltage	26.0V
Rated output current range	10 - 400A
Rated duty cycle	100%
Rated output current	300A
Rated load voltage	32.0V
Rated output current range	20 - 300A
Rated duty cycle	100%

### WB-M500 Key Features & Benefits

- Optimum welding current control depending on intended use  
(Standard Mode - High Speed Mode - Extension Cable Mode)
- High duty cycle for high output and automated applications
- Uniform and beautiful bead appearance with low spatter
- Digital Turbo Start and End Pulse function provide excellent arc starts

### Common features of all Welbee models:

- High speed welding mode
- Side air flow structure
- Standard USB port
- Optional Android tablet, weld data monitoring and networking
- Built-in interface for easy connection with FD-Series robots
- Multi-Process: GMAW - FCAW - GTAW - SMAW

