



WB-M350L Low Spatter Inverter Welding Power Supply

A low-spatter model that increases your productivity by reducing spatter generation. Provides significant reduction of spatter across the entire range of low to high welding currents. Delivers high-quality, high-speed welding.

Item	Specification			
Model	WB-M350L			
Number of phases	3		1*	
Rated frequency	50/60Hz			
Rated input voltage	208/230V	460V	208/230V	460V
Input voltage range	208/230V ±10%	460V ±10%	208/230V ±10%	460V ±10%
Rated input power	15.6kVA 13.4kW/ 15.3kVA 13.3kW	15.6kVA 13.8kW	12.1kVA 8.9kW/ 11.8kVA 8.8kW	11.5kVA 8.6kW
Rated input current	43.3A/38.5A	19.6A	58.0/51.3A	25.0A
Rated output current	350A		250A	
Rated load voltage	31.5V		26.5V	
Rated output current range	30 - 350A		30 - 250A	
Rated output voltage range	12.0 - 31.5V		12.0 - 26.5V	
Maximum no-load voltage	70/79V	70V	71/78V	70V
Rated duty cycle	60%	60%	60%	60%
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	185.2 lbs (84kg)			

For DC TIG	Rated output current	350A	250A
	Rated load voltage	26.0V	26.0V
	Rated output current range	10 - 400A	10 - 250A
	Rated duty cycle	60%	60%
For DC STICK	Rated output current	300A	250A
	Rated load voltage	32.0V	30.0V
	Rated output current range	20 - 300A	20 - 250A
	Rated duty cycle	60%	60%

* When Supplying 208 V -10% (less than 188V) single phase power... with WB-M350L there will be an increase in spatter if the output current is more than 150A. Change the setting from low spatter mode to standard DC Mode for better performance

WB-M350L Key Features & Benefits

- CBT-EX extra low spatter mode for carbon and stainless steels
- Low arc voltage range is expanded for incredible arc control
- Reduced undercut during high speed welding
- Minimal spatter even with 100% CO₂

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

