



WB-P400 Pulse Wave Inverter Welding Power Supply

An all-around model for welding iron, stainless, and aluminum with a single unit! Achieves high-quality pulse welding by performing optimized waveform control according to type of metal being welded. Arc stability is perfect, even during high-speed welding.

Model Name	Welbee Inverter WB-P400			
Specifications				
Number of phase	3		1	
Rated frequency	50/60Hz			
Rated input voltage	208/230V		460V	
Input voltage range	208/230V±10%		460V±10%	
Rated input power	DC - 18.3/18.0kVA 16.3/16.8kW Pulse - 19.6/19.7kVA 18.1/18.1kW		DC - 19.0kVA 16.8kW Pulse - 20.7kVA 18.4kW	
Rated input current	DC:50.5/45.0A Pulse:54.3/49.5A		DC:23.8A, Pulse:25.9A	
Rated output current	400A		DC: 250A, Pulse: 200A	
Rated load voltage	34.0V		DC: 30V, Pulse: 24V	
Rated output current range	30 - 400A		DC: 30 - 250A, Pulse: 30 - 200A	
Rated output voltage range	12.0 - 34.0V		DC: 12 - 30V, Pulse: 12 - 24V	
Maximum no-load voltage	83/92V		80V	
Rated duty cycle	60%(DC), 50%(Pulse)		60%(DC), 40%(Pulse)	
Number of welding condition	100			
Operating temperature range	-10 to +40 degrees C			
Operating humidity range	less than 50%(40 degrees C), less than 90%(20 degrees C)			
Storage Temperature Range	-25 to +55 degrees C			
Storage humidity range	less than 50%(40 degrees C), less than 90%(20 degrees C)			
Dimensions (W x D x H)	395mm x 710mm x 810mm			
Mass	185.2 lbs (84kg)			
Rated output current range for TIG Welding	X			
Rated input power	14.8kVA 12.6kW 14.5kVA 12.6kW		14.5kVA 13.0kW	
Rated output current	400A		250A	
Rated load voltage	26.0V		20.0V	
Rated output current range	10 - 400A		10 - 250A	
Rated duty cycle	60%		60%	
Rated output current range for DC STICK Welding	X			
Rated input power	13.3kVA 11.2kW 12.9kVA 11.2kW		12.8kVA 11.5kW	
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%	

WB-P400 Key Features & Benefits

- Optimized Pulse GMAW modes for a wide variety of materials
- TIG-like bead on aluminum, stainless and carbon steels
- Compensates for irregularities in shielding gases
- Improved weldability of zinc coated steels

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

