

# BLUWELD S-285 MV



INVERTER DC MMA WELDER

MULTI VOLTAGE



- Its multi voltage feature allows operation with single-phase input voltages of 90-275 VAC and three-phase input voltages of 175-500 VAC.

- LCD screen.

Welding capability with all types of rutile, basic, and cellulosic electrodes between Ø1.6 mm- Ø5.00 mm.

- Adjustable arc force, hot start and anti-stick control.

- Lift TIG feature allows TIG welding without the need for high frequency (HF).

- Variable amperage control with digital meter for simultaneous welding current display.

- Compatible with generator.

**Applications:**

MMA  
TIG

Voltage (VAC)	Power frequency	Power factor	Efficiency	Protection class	Cooling	Electrode diameter (mm)	Weight (Kg)	Dimension (mm)		
1~90-275 3~175-500	50/60 Hz	0,73-0,99	≥88,3%	IP21S	AF	Ø 1.6-5.0	18.5	570x200x370		
<b>Input voltage (VAC)</b>	1-110±10%		1-230±10%		3-230±10%		3-400±10%		3-460±10%	
<b>Welding process</b>	<b>MMA</b>	<b>TIG</b>	<b>MMA</b>	<b>TIG</b>	<b>MMA</b>	<b>TIG</b>	<b>MMA</b>	<b>TIG</b>	<b>MMA</b>	<b>TIG</b>
<b>Rated input current (A)</b>	38.8	24.5	29.0	19.5	23.0	16.2	15.5	11.2	17.3	12.7
<b>Rated input power (kVA)</b>	4.25	2.70	6.65	4.48	9.2	6.5	10.7	7.8	13.8	10.1
<b>Welding current range (A)</b>	10~130		10~200		10~250		10~285			
<b>No-load voltage (V)</b>	80.5	20.8	80.5	20.8	80.5	20.8	80.5	20.8	80.5	20.8
<b>Duty cycle (40°C/10 min.)</b>	60% 130A 100% 100A		60% 200A 100% 155A		60% 250A 100% 195A		60% 285A 100% 220A			