

BLUWELD S-285 MV

INVERTER DC MMA WELDER

MULTI VOLTAGE



Applications:

MMA
TIG

■ 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.

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