

315MV

WELDING MACHINE FOR AUTOMATIC 110V TO 460V CURRENT RECOGNITION



DC INVERTER MMA WELDER

1 PH
MONOPHASE AND THREE-PHASE

110V
460V
INPUT TENSION RANGE

ZVS
ZCS
ZERO VOLTAGE SWITCH

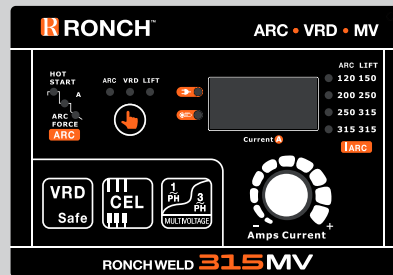
GENERATOR FRIENDLY

PFC
POWER FACTOR CORRECTION

MCU
MCU CONTROL SYSTEM

VRD
VOLTAGE REDUCTION DEVICE

INPUT TENSION
110VAC - 460VAC (1 - 3 phases)
EXTRA FUNCTIONS
• Hot Start • Anti-striking • Anti-sticking
• ARC Force
PROTECTION
Equipped with temperature, voltage and current sensor protection systems.
ZVS/ZCS TECHNOLOGY
Superior work cycle and remarkable benefits to reliability.



PFC TECHNOLOGY
Power factor of more than 0.99, multiple advantages like energy saving and input tension.

Input Current (V): 110VAC - 460VAC
Net Weight: 33lb (15kg)
Electrode Diameter: 1.6 - 5.0mm
Electrodes: 6010, 6011, 7018, etc.
Efficiency (%) 85

Dimensions (mm): 492x189x350
Refrigeration: AF
Insulation Class: H
Protection Class: IP23
Frequency (Hz): 50/60

PARAMETERS

Rated Input Power (KW)	1-110±10%		1-220±10%		3-220±10%		3-380±10%		3-460±10%	
	3.1	3.3	6.3	6.8	8.7	9.2	8.7	11.9	8.7	11.9
Rated Input Current (A)	26	30	29	31.7	23.5	25.6	13	19	10.5	15.7
Duty Cycle (40°C 10min)	TIG	MMA	TIG	MMA	TIG	MMA	TIG	MMA	TIG	MMA
	60%	30%	50%	45%	35%	35%	40%			
	150A	120A	250A	200A	315A	250A	315A			
		60%	60%	60%	60%	60%	60%			
		85A	230A	175A	245A	195A	260A			
	100%	100%	100%	100%	100%	100%	100%			
	120A	70A	180A	135A	190A	150A	200A			
No-load Voltage (V)	80									
Current Range (A)	10~150	10~120	10~250	10~200	10~315	10~250	10~315			
Power Factor	0.99					0.95				