

Weiro Inverter CO2 / MAG / MIG Double Pulse WM-500DP



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MODEL		WM-500DP
Input Voltage		3 x 380V \pm 10% ; 50/60 Hz
Input Power Capacity (kVA)		27
Input Current (A)		41
DC MMA	No-Load Voltage (V)	79
	Current Adjusting Range (A)	10 – 500
	Rated Output Current (A)	500
	Start Current (A)	0 – 200
	Arcforce Current (A)	0 – 200
	Duty Cycle	60%
MIG	No-Load Voltage (V)	79
	Duty Cycle	60%
	Current Adjusting Range (A)	20 – 500
	Output Current (A)	500
	Crater Fill Voltage (V)	14 – 40
	Crater Fill Current (A)	10 – 500
	Burnback Time (sec)	0.01 – 0.5
	Burnback Voltage (V)	10 – 25
	Wire Alloy Material	---
	Synergic / Basic MIG	ALL
	Crater Mode	2T/4T, no S4
	Gas Type	CO ₂ or Ar
	Inductance	1 – 10
	Gas Pre/Post-Flow Time (sec)	0 – 3 / 0 – 20
Wire Diameter (mm)	0.8 / 1.0 / 1.2 / 1.6 (SOLID / FLUX WIRE)	

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MODEL		WM-500DP
Pulse MIG	Welding Current (A)	20 – 500
	Welding Voltage (V)	-5 – +5
	Output Current (A)	500
	Duty Cycle	60%
	Start Current (A)	10 – 500
	Start Voltage (V)	-5 – +5
	Crater Fill Current (A)	10 – 500
	Crater Fill Voltage (V)	-5 – +5
	Burnback Time (sec)	0.01 – 0.5
	Burnback Voltage (V)	-5 – +5
	Wire Alloy Material	Fe, AlSi, AlMg, CrNi, Cu
	Synergic / Basic MIG	Synergic MIG only
	Crater Mode	2T/4T/S4
	Gas Type	80% Ar + 20% CO ₂ (Fe, Cu) 100% Ar (AlSi, AlMg) 98% Ar + 2% CO ₂ (CrNi)

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MODEL	WM-500DP	
Double Pulse MIG	Pulse Peak Current (A)	10 – 500
	Pulse Peak Voltage (V)	-5 – +5
	Welding Current (A)	10 – 500
	Welding Voltage (V)	-5 – +5
	Mixed Frequency (Hz)	0.1 – 9.9
	Mixed Ratio	10% – 90%
	Start Current (A)	10 – 500
	Start Voltage (V)	-5 – +5
	Crater Fill Current (A)	10 – 500
	Crater Fill Voltage (V)	-5 – +5
	Duty Cycle	60%
	Output Current (A)	500
	Wire Alloy Material	Fe, AlSi, AlMg, CrNi, Cu
	Synergic / Basic MIG	Synergic MIG Only
	Crater Mode	2T/4T/S4
Gas Type	80% Ar + 20% CO ₂ (Fe, Cu) 100% Ar (AlSi, AlMg) 98% Ar + 2% CO ₂ (CrNi)	

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MODEL	WM-500DP
Efficiency	≥80%
Protection Class of Enclosure	IP21S
Insulation Class	F
Protection Class of Shell	Fan Cooling
STANDARD ACCESSORIES	
Wire Feeder	1 Unit
Water Cooler	1 Unit
MIG Torch Water Cooled	1 Pcs (3m)
Trolley	1 Unit

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