MIG 500

Order Code: ***EM-500S-WC***

Key Features

- Rugged, ergonomic design
- Water cooled package
- Advanced inverter technology with ARM and DSP digital microprocessor control
- Separate wire feed unit with ClearVision digital display and full parameter control
- ClearVision HD digital display with hollow rotary shaft encoders for easy and precise parameter adjustment
- 2T/4T/Cycle and Spot trigger control
- Synergic/manual MIG/MAG, MMA & DC Lift-TIG capable
- Excellent welding characteristics with enhanced droplet transfer
- Crater fill setting
- On demand cooling and auto sleep mode ensures market leading energy efficiency with idle power consumption of less than 10W
- Key power electronic component protection
- Standard MIG, Push Pull or Spool Gun torch selection
- Enhanced dual drive wire feeder with 37.45mm rollers
- Program memory storage
- Welding Engineers Mode for default parameter selection
- IP23S protection class rating
- Flexible remote control solutions including wired, wireless and mobile app control
- USB Type-C port for software updates and device charging
- Generator friendly *must have AVR



Technical Data

EM-500S-WC		
Input voltage		AC 400V,50/60 Hz
No load voltage		78V
MIG	Rated input current	38.9A
	Ieff	21.6A
	Rated input power	27kVA
	Current range	30-500A
	Rated duty cycle @ 40°C	40%
	Wire feed speed	2-24m/min
	Wire spool size	D300
MMA	Rated input current	34.9A
	Ieff	22.1A
	Rated input power	24.2kVA
	Current range	20-500A
	Rated duty cycle @ 40°C	40%
TIG	Rated input current	27.2A
	Ieff	17.2A
	Rated input power	18.9kVA
	Current range	20-500A
	Rated duty cycle @ 40°C	40%
Efficiency		>90%
Power factor		0.94
Idle state power		10W
Protection class		IP23S
Insulation class		H
Dimensions LxWxH		1060 x 550 x 1290mm
Weight		98Kg
Recommended generator size		36kVA

* Generator must have AVR





Standard Accessories

- Trolley
- HC550-4E MIG Torch
- 3m Earth Clamp
- 5m Interconnection cable
- Separate WFU
- Argon Regulator
- Gas Hose
- LC-60 Water Cooler

Optional Accessories

- Wireless Remote Control
- Wired Remote Control
- Mobile Bluetooth APP Module
- Spool On Gun
- Push Pull Torch
- 10m, 15m, 20m interconnection cables