

Applications ✓

KEY BENEFITS

- Heavy and medium metal workshops
- Metallic structures
- Solar and wind industry
- Shipbuilding and offshore
- Automobile industry
- Aerospace, railway, mining and industry
- Pipelines
- Services, repair and maintenance

Control Panel ✓



MANY TASKS
Many-
Location

Superior quality welding with advanced processes and features

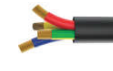
Multi-GMAW 500P AC/DC CEL



- Dual pulse**-Allows to activate devoted pulse curves for aluminum, mild steel and CuSi3.
- Protections**-Equipped with temperature, voltage and current sensors for high protection.
- Accessories**-Optional trolley and water cooling unit.
- Arc Stability**-Waveform control, for added stability of the arc, even at the low current.



When you have a wrong grid voltage, the machine will stop work immediately and the key core will be protected from damage especially the IGBT.



Standard tripple phase
3-400V 50/60Hz power
supply.



Dual Pulse



Φ 300mm(20KG)
Φ 200mm(5KG)



IGBT Module



SYNERGIC



Generator Friendly-
Suitable for use with
generators.



550V Tested In Production



Heavy Duty Cycle 60%



Smart FAN-Reduce power consumption and the intake of dust and fumes.

TECHNICAL DATA (subject to change without notice.)

	Multi-GMAW 500P AC/DC CEL					
Power Supply Voltage	3-400 AC			3-400 DC		
	MMA	TIG	MIG	MMA	MIG	
Effective Current	32 A	26 A	36 A	37 A	29 A	
Rated Input Power	23.5kVA	17.6kVA	22.9kVA	23.5kVA	17.6kVA	
Rated Input Current	42 A	34 A	46 A	48 A	38 A	
Duty Cycle(40℃ 10min)	60% 500 A	60% 500 A	60% 500 A	60% 500 A	60% 500 A	
	100% 400 A	100% 400 A	100% 400 A	100% 400 A	100% 400 A	
WELDING CURRENT RANGE	10-500 A	10-500 A	20-500 A	10-500 A	10-500 A	
WELDING VOLTAGE RANGE	14-35 V(MIG)					
Grid frequency	50/60Hz					
No Load Voltage	67(MIG)					
Efficiency	85%					
Power Factor	0.70					
Insulation class	H					
Protection class	IP 23					
Cooling	AF					
Dimensions l x w x h	560 x 240 x 445mm					
Weight	22.0 kg					
Wire Diameter(MM)	Fe:0.6/0.9/1.0/1.2 Ss:0.8/0.9/1.0/1.2 Flux-Cored:0.6/0.8/0.9/1.0/1.2					
Electrode type	6013 7018					