



MMA DC IGBT Inverter Racking 6 x ZX7-400



Racking 6 x ZX7 400

Main Applications

- Steel fabrication
- Metal tanks
- Sheet metal works
- Ship building

Process

- MMA (SMAW)
- TIG (GTAW)

Advantageous

- High Frequency 20 KHz IGBT Inverter technology make it light-weight and energy saving
- Lifting eye for easy mobilization and de-mobilization
- Safety in electricity control panel the primary and secondary Main Control Breaker (MCB) for the rack and machines
- Automatic Hot Start, Adjustable Arc Force and Anti Stick Function
- 6 machines in one robust all weather racking to make jobs easier
- PWM control technology and advanced circuitry allows input voltage of $\pm 15\%$ for optimal and constant welding current
- Digital display for welding current and VRD (Voltage Reduce Device)
- Selector switch for Tig welding with Lift Arc ignition

MMA

Electrode range	1.6 - 8.0 mm
Material thickness	1 - 13 mm

TIG

Tungsten range	1.6 - 4.0 mm
Material thickness	1 - 7 mm

Specifications

Welding range	40 - 400 A
Load voltage	21.6 - 36.0 V
Open circuit voltage	70 V
Duty cycle at 60 % (40°C)	400 A
Duty cycle at 100 % (40°C)	340 A
Input power	106 KVA
Input current	162 A
Input phase	3 Phase
Main voltage, Tolerance	380 V, $\pm 15\%$
Frequency	50 / 60 Hz
Efficiency	0.85
Power factor	0.93
Index protection	IP 23
Insulation class	F
Cooling	F
Racking Content	6 x ZX7 400
Dimensions (L x W x H)	1.380 x 1.050 x 1.750 mm
Weight	360 Kg



Item Code	Item Name	MoQ
105.08.001	MMA DC IGBT Inverter - Racking 6 x ZX7-400	1 Set
	• MMA DC Inverter - ZX7 400	

Item Code	Item Name	MoQ
Standard Alternative		
208.07.005	Lug to Electrode Holder 400 A, 50 mm ² at 5 m	1 Set
208.07.006	Lug to Electrode Holder 400 A, 50 mm ² at 10 m	1 Set
208.07.003	Lug to Electrode Holder 600 A, 70 mm ² at 20 m	1 Set
208.07.004	Lug to Electrode Holder 600 A, 70 mm ² at 30 m	1 Set
205.07.001	Lug to Ground Clamp Cable size 120 mm ² at 3 m	1 Set
205.07.002	Lug to Ground Clamp Cable size 120 mm ² at 6 m	1 Set
205.07.003	Lug to Ground Clamp Cable size 120 mm ² at 15 m	1 Set

Optional Accessories for GMAW / TIG

208.17.006	Tig Torch - WP 17 V-25-2 at 8 m	1 Set
208.17.007	Tig Torch - WP 26 V-25-2 at 8 m	1 Set
201.23.001	Argon Gas Regulator	1 Pcs



Material	Thickness mm	Tungsten Ø mm	Welding Current A	Alumina Ceramic Nozzle
Steel / Stainless Steel	1.0	1.6	10 - 60	4
	1.5	1.6	40 - 80	5
	2.0	1.6	70 - 120	5
	3.0	1.6 - 2.4	90 - 150	6
	4.0	2.4	140 - 180	7
Copper	1.0	1.6	60 - 80	4
	1.5	1.6	100 - 150	5
	3.0	2.4	150 - 180	6