SAW-1250

NGEN
EMPOWERING FUTURE

SAW WELDING MACHINE

1250

WARRANTY

- **SAW welding machine is a high-power welding power source for heavy industry.**
- **Suitable for welding thick steel plates of shipbuilding industry, steel structures and large pressure vessels**

Product Features

- Strong ability to resist power grid fluctuations, the welding machine can work normally when the grid power is 320V~480V;
- 1000A/44V, 100% duty cycle; max short-circuited current is 1500A.
- Multiple output modes; suitable for MM/arc gouging, CC SAW/CV SAW.
- Imported top brands power devices (INFINEON) ensures high reliability.
- Multiple protection including over-current, over-heat, phase loss, overvoltage and undervoltage protections.
- Professional 3-proofing designs ensure well operation in extremely harsh environment.

Designed in CANADA
Built to Last

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TECHNICAL PARAMETERS

Model	SAW-1250
Input Voltage(V)	3 Phase AC380V ±15%
Input Frequency(Hz)	50/60
Input Rated Power (KVA)	70
Rated Max Input Current(A)	105
Max Effective Input Current(A)	81
No-load Voltage(V)	90
Output Current(A)	100-1250
Output Voltage(V)	44
Duty Cycle(%)	60
Efficiency(%)	85
Power Factor	0.93
Insulation Grade	H
Housing Protective Grade	IP21S
Wire dia.(mm)	2.0/3.2/4.0/5.0
(L*W*H) (mm)	760*380*820
MZ machine Carton CBM(m^3)	0.298
MZ Trolley machine(m3)	0.443

SAW	●
MMA	●
Carbon Arc Gouging	●
CC Mode	●
CV Mode	●
Automatic voltage compensation	●
Thermal Protection	●
Over Loading Protection	●
Low voltage Protection	●
Earth cable	70mm2/5m/ 2 sets
Welding cable	70mm2/10m/ 2 sets
Control cable	14 pins/10m
Track	1m/2 pieces