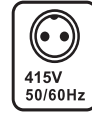


IGBT Module Inverter Submerged ARC Welding Machine



Features

- ◆ IGBT base CC-CV inverter DC submerged arc welder, MMA and Gouging.
- ◆ High efficiency and high power factor resulting in substantial energy saving over conventional SAW outfits.
- ◆ Continuous adjusting of welding current, arc starting current and thrust current.
- ◆ 100% duty cycle and continuous welding.
- ◆ Temperature protection and jack screw protection
- ◆ Adopting 3 Ph half controlled bridge silicon rectifier.
- ◆ 92% full load efficiency.
- ◆ Over heating, over voltage and over current protection.
- ◆ SAW welding can be done in either CV or CC mode. In the constant current mode of SAW welding, advanced adaptive control technology is utilized to obtain the most stable arc parameters, highest level of penetration, and excellent weld bead finish.

Technical Parameter of Tractor:

- ◆ Rated moving voltage DC110V, rated moving current 0.4A
- ◆ Rated wire feeding voltage DC110V, rated wire feeding current 1A
- ◆ Welding speed 0.2-1.5m/min
- ◆ Wire feeding speed 0.30m/min
- ◆ Wire diameter ϕ 2.0 ~ ϕ 6mm



Main Technical Parameters :

YUVA-SW1250PR

Rated input voltage (V)	3P 415VAC \pm 10%
Rated input current (A)	83A
Rated input capacity (KVA)	60KVA
Open circuit voltage (V)	75 \pm 5%
Duty cycle (%)	100%
Welding current range (A)	60-1250 A
Welding voltage range (V)	20-50 V
Power factor (%)	\geq 0.88
Electrode /wire dia	2mm-6mm
Protection class	IP21S
Insulation class	H
Dimension (mm)	775X550X810
Weight (kg)	110



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