

FR Series (GMAW) INVERTER



Features:

- Produced with advanced technology IGBT.
- Capable of CO₂ / MIG / PULSE MIG/ MAG welder.
- Good for material such as low-carbon steel, stainless steel, Al and its alloy.
- Thickness of material:
 - Low-carbon steel and stainless: more than 1mm
 - Al and its alloy: more than 1.5 mm.
- Suitable for all position welding.
- Wire Dia: ϕ 0.8 ~ 1.6 solid wire/flux cord wire; ϕ 1.0 ~ 1.6 AL wire.
- Smooth welding, low splatter, easy control, good welding form.
- High efficiency : 200A/30V the duty circle is 60%; 350A/34V the duty circle is 60%
- Wire Feeder: continuous wire feed, max speed 15m/min
- Low starting of wire feed.
- Function of Arc drawing back: adjustable voltage and current for Arc drawing back, in order to improve the welding quality.
- 2/4 step changing: two steps is on the position of "OFF" for arc drawing back, four steps is on the position of "ON" for arc drawing back.
- Preset able diameter of the wire to get the excellent arc steady and good welding form.
- Preset able welding voltage: preset the welding voltage to read the welding criterion easy.
- Adjustable arc thrusting: control the splash and steady arc.
- Strong resistance for the fluctuate of the electricity supply.
- The welding seam is nice, few spatters and low noise occurs during welding
- Compactable with heating regulator.



**1 Phases
CC Welder**

KUMAI Specialties:

- Built for tough use, suits for skill training institutes, heavy industries where multiple operators using the machines
- Designed to suits hot and high humidity environment

Model	FR-200A	FR-250A	FR-350A	FR-500A
Input Voltage	220V	3 x 380V(400V)50/60Hz		
Input Power	6kw	7kw	13kw	23kw
Open Circuit Voltage	65-75V			
Welding Voltage Range	15-25V	15-30V	15-36V	15-45V
Welding Current Range	40-200A	40-250A	50-350A	50-500A
Duty Cycle	60%			
Welding Wire Dia.	0.8 / 2.0	0.8 / 1.0 / 1.2	0.8 / 1.0 / 1.2 / 1.6	
Welding Thickness	0.8-4mm	0.8-6mm	1-10mm	1.2-25mm
Dimension (mm)	460 x 260 x 480	590 x 350 x 680		590 x 350 x 730
Weight (kg)	30kg	55kg	65kg	68kg
Wire Feeder Model	SB-10A(200)	SB-10A(250)	SB-10B	SB-10C

Your Reliable Alternative

