

## 13 MFAC Power Supply

### Product Features

- Equipped with remote program. It can realize external remote program setting.
- One working frequency (15-400Hz).
- One control modes (constant peak current).
- 3 stages weldings: preheating, weld, tempering. Regarding welding, you can set the stepping, reducing, and recycling times.
- Free program I/O outlets: program 3 output, great connection with PLC, robots connection.
- Counting system: welding qty, production qty, carton qty, electrode repairing qty are all covered. It improves the quality control of welding.
- Communication and BCD code control: It is ok to connect remote control, PLC etc other remote digital control.
- Secondary toroidal coil displays real on time welding current which gives feedback to controller to adjust the accuracy of current.
- Easy Setting. It is ok to copy the same action data to be another line. It save time to set welding program.
- Limit control: 3 levels management.
- Data management: the current/ welding time/ voltage/ action code are stocked and USB copy to computer to study for quality checking and traceability.
- Alarm saving: the quality issue will be recorded to trace.
- Accuracy: 0.5%.



### Power Supply Specifications

MFAC								
Item#	IAW-400L	IAW-600T	IAW-800T	IAW-1000T	IAW-1200T	IAW-1800T	IAW-2400T	IAW-3600T
IGBTModel	300A	450A	600A	800A	900A	1400A	1800A	2800A
Input power	3*380V +/-10%, 50/60HZ ( Option 220V / 440V available)							
Max output (primary)	400A	600A	800A	1000A	1200A	1800A	2400A	3600A
Rated Power(KVA)	50	80	100	125	150	200	250	350*2
Secondary Voltage(V)	11.25	11.25	11.25	11.25	13.5	13.5	13.5	13.5
Air Switch(A)	100	125	125	160	200	200	200	400
Control Mode	Constant Peak current or Constant conduction angle							
Frequency	15-400HZ							
Air Valve Qty	Standard 4 air valves, gantry welding standard 10 air valves. Max 17 air valves.							
Communication	RS-485							
Current Range(A)	0-350 0- 20KA	0-500 0- 28KA	0-600 0- 33KA	0-900 0- 35KA	0-1000 0- 36KA	0-1500 0-40KA	0-1600 0- 45KA	0-3000 0-70KA
Max Weld Spec Qty	32 sets, it is ok to extend 256 sets ( each specification has different welding data)							
Work Condition	Temperature 0-45 degrees Celsius (no icing) moderately less than 85% (no dewdrop phenomenon) no strong magnetism, no severe vibration and impact, no corrosive gas and conductive dust							