

12 MFDC Power Supply

Product Features

- Equipped with remote programmer, It can realize external remote program settings.
- One working frequency (1KHz or 4KHz).
- 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 tracibility.
- Alarm saving: the quality issue will be recorded to trace.
- Accuracy: 0.5%.



Power Supply Specifications

MFDC							
Item#	IDW-400L	IDW-600L	IDW-800T	IDW-1000T	IDW-1200T	IDW-1800T	IDW-2400T
Input	3*380V +/-10%, 50/60HZ (Option 220V / 440V available)						
Max output current	400A	600A	900A	1100A	1300A	1800A	2400A
Rated Power	90KVA	120KVA	180KV A	200KVA	250KVA	350KV A	350KV A*2
Control Mode	Constant Peak current or Constant conduction angle						
Frequency	1kHz or 4kHz						
Air Valve Qty	Standard 4 air vales, gantry welding standard 10 air valves. Max 17 air valves.						
Communication	RS485						
Current arrange	0-400A 0-20KA	0-600A 0-28KA	0-900A 0-32KA	0-1000A 0-50KA	0-1300A 0-60KA	0-1800A 0-72KA	0-2400A 0-96KA
Max welding 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						