

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 traceability.
- 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	180KVA	200KVA	250KVA	350KVA	350KVA
Control Mode	Constant Peak current or Constant conduction angle						
Frequency	1kHz or 4kHz						
Air Valve Qty	Standard 4 air valves, 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						