

iOrbital 401/600

Programmable Welding Power Source

Summary

iOrbital401/iOrbital600 distributed digital welding power source is designed and manufactured according to advanced technology by Kun shan Huaheng Welding Co.,Ltd.It is advanced,digital,easy to operate,intelligent,flexible and stable.It's control system is PC controller,which is one open and updatable em-bedded 32bit Windows CE operating system,sup-port for centralized setting,storing and controlling of all the function parameters.It is commonly used for thermal power, valve, coal mine machinery,nuclear plant,boiler industries etc.



Performance characteristics

- Windows CE embedded version operating system with updatable, simple interface for easy operation;
- External USB support for import and export data;
- Real-time welding parameter record during welding process;
- Control pendant display for real-time data monitoring;
- Adjustable parameter during welding process for some special welding requirements;
- Time°ree exchanging for welding travel and some relevant parameters;
- Built-in various welding head parameter for accurate motion control;
- Perfect fault detection solution,error display,modular design for easy maintenance;
- Chinese&English operation screen;
- Real-time monitoring and sampling printing;
- Multi-pulse&multi-high frequency;
- Option to choose offline programming or offline printing.

Technical specification

	iOrbital 401	iOrbital 600
Name	iOrbital 401	iOrbital 600
Type	Inverter	Inverter
Current	5~400A	5~600A
Duty cycle(20°)	400A 60% 310A 100%	600A 60% 500A 100%
Hot wire current		5~200A
Duty cycle(20°)	3*380V±10% 50/60Hz 13.5KVA	200A 60% 100A 100%
No-load voltage	72V	79V
Input voltage	3*380V±10% 50/60Hz	3*380V±10% 50/60Hz
Power	13.5KVA	35KVA
Cooling	Air cooling	Air cooling
Screen	6.5"Chinese/English display	6.5"Chinese/English display
Programing	HMI	HMI
Display	Remote controller/industrial PC/Parameter real-time display in CN & EN	Remote controller/industrial PC/Parameter real-time display in CN & EN
Program Storage	100	100
Expert parameter	Pre-storage	Pre-storage
Numbers of Level	20	20
Torch cooling	External water circuit	External water circuit
Water tank type	CW-04	CW-04
Weight	260	290
Manufacture Standard	GB15579-2004	GB15579-2004
insulation/Protection Class	H/IP23	H/IP23
Dimension	710*500*1500	810*600*1700