

NRW-IN16K4 / NT-IN16K4 大功率高频式焊接电源



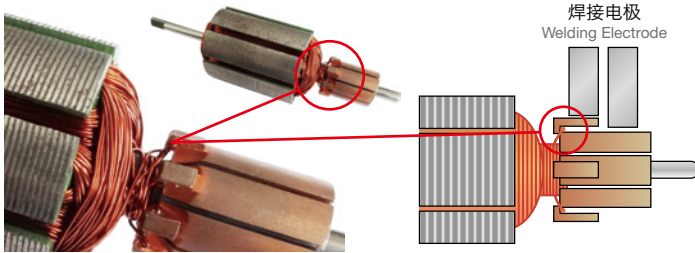
High Power Inverter Type Welding Power Supply

马达U型端子、高导电性材料的焊接!

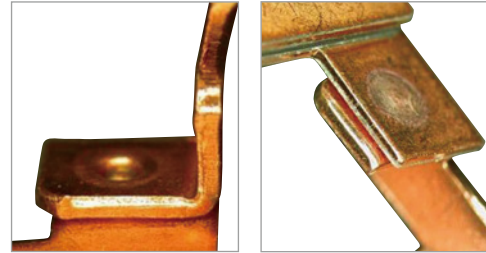
(铜·铝)

Weld High Conductivity Materials and Large Fusing Parts! (Cu, Al, etc.)

焊接事例 Application Examples



马达线圈和U型端子的焊接
Welding of Large Motor Coil and Terminal



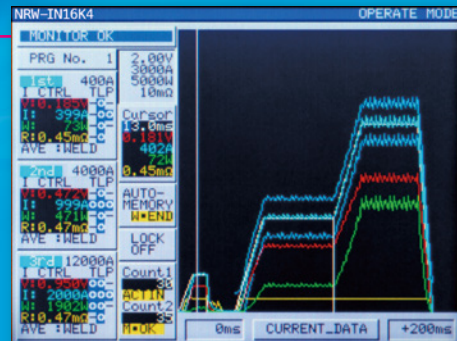
铜板配线的焊接
Welding of Copper (Cu) Bus Bar

- 最高输出电流**16,000A**
- 对应多品种焊接(焊接条件存储255种)
- 焊接条件的管理(焊接波形显示、记忆存储功能)
- 各种安全功能(过电流、过温、无通电监测等)
- 丰富的监测功能(电流、电压、功率、电阻、追踪)
- High Output Power – Delivers **16,000 Amperes** Maximum Current
- Store Up to 255 Welding Conditions for Multiple Welding Applications
- Easy to Control Welding Conditions (Welding Waveform Display, Memory Function)
- Multiple Safety Features (Detection of Overcurrent, Overheating, No Current, etc.)
- Monitor Important Functions (Current, Voltage, Power, Resistance, Trace)

大功率焊头和焊接电源的构成
Welding Power Supply
with High Power Welding Head



焊接变压器 Transformer 焊接电源 Power Supply
NT-IN16K4 NRW-IN16K4



图像化显示焊接波形
Graphic Display of Welding Waveform

NRW-IN16K4 / NT-IN16K4

大功率高频式焊接电源 High Power Inverter Type Welding Power Supply

项目	Items	NRW-IN16K4
焊接变压器	Welding Transformer	NT-IN16K4
最大电流	Maximum Current	16000 A (200V Option: 12000 A)
控制频率	Control Frequency	2 kHz
控制方式	Control Mode	Constant Current, Constant Voltage, Constant Power, Fixed Pulse Width
通电时间	Range of Timer Setting	1st, 2nd, 3rd, UP, WELD, DOWN Total Time 1 - 3000 ms
输出设定	Setting Range for Weld Type	Current: 0.4 - 16 KA Voltage: 0.4 - 6.2 V Power: 0.2 - 49.2 KW
电流、电压、功率、电阻、监测功能	Current, Voltage, Power, Resistance, Monitoring	Average / Peak / Profile
追踪监测功能	Trace Monitoring	Current, Voltage, Power, Resistance
波形显示	Display of Waveform	Current, Voltage, Power, Resistance
焊接条件	Number of Condition	255
通信接口	Interface	RS232C
冷却方式	Cooling Method	空气冷却 Forced-air
电源	Power Source	AC380 - 415 V, 3Φ (Option: AC200 - 230 V, 3Φ)
尺寸 / 重量	Dimension / Weight	W280 × D410 × H470 mm ≈35 kg

项目	Items	NT-IN16K4
最大电流	Maximum Current	16000 A (200V Option: 12000 A)
冷却方式	Cooling Method	水冷 Water
尺寸 / 重量	Dimension / Weight	W198 × D420 × H357 mm ≈48 kg

大功率焊头 High Power Welding Head

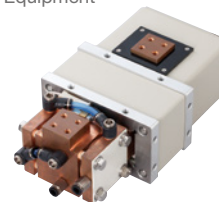
NA-126



项目	Items	NA-126
压力	Pressure Range	300 - 1800 N
加压方式	Pressure Way	Spring
驱动方式	Drive Method	Air
尺寸 / 重量	Dimension / Weight	W309 × D315 × H908 mm ≈60 kg

选项 Option

自动机器人用焊接变压器
Transformer for Integration into Equipment



⚠ 产品使用注意

为了正确安全使用，使用之前一定要阅读「操作说明书」。请不要设置在水、湿气、蒸气、油烟等多的场所。有可能引发火灾、触电、故障等。

※产品图片仅供参考，以实物为准。如外观及技术参数发生变化，恕不另行通知。

⚠ CAUTION

To operate a unit correctly, read the operation manual carefully. The unit should be situated away from the place filled with water, moisture, steam, dust or soot, which may cause a fire, an electric shock, troubles etc.

The appearance and specifications are subject to change without notice.

 NIPPON AVIONICS CO.,LTD.

<https://www.avio.co.jp/chinese/products/assem/>

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