Highly reliable inverter type welding power supply NRW-IN400PA

DC inverter welding power supply ideal for mounting on automated machines

DC inverter welding power supply suitable for mounting on automated machines. It has selections of 6 types of control modes and 3 types of frequencies by which high quality welding is performed by the optimum mode depending on objects to be welded. In addition, it has a built-in welding monitor function, and can output monitor values and judgment results to external devices via Ethernet communication. It is effective for strengthening welding quality control.





Multi-transformer system

Up to 4 transformers can be connected to one welding power supply, and multiple welding processes can be handled by one unit. Equipment installation costs can be reduced. Also, by switching the welding conditions with an external signal, it is possible to operate under different welding conditions for each transformer.



Dimensions (mm)	W148 × D261 × H180		
Weight	≒4.3kg		

Horizontal pressure type head NA-184

Stable welding is realized by a highrigidity head in which the left and right electrodes are driven independently.



Battery tab welding head (custom-made)

Variety of weld heads can be created that fit to



6

various batterv tabs.



NRW-IN400PA

Selectable from 2kHz, 4kHz, 5kHz (Select for each PRG No) Primary curent peak value control,

Air Ethernet 220V specification: 36 AC200-240V±10%

50/60Hz, 400V specification: 3¢ AC380-480V±10% 50/60Hz W200 × D501 × H298 (Excluding protrusions) ≒19kg NT-IN8444B, NT-IN4474A

Major transformers to be connected

Item	NT-IN4474A		NT-IN8444B	
Power Source	220V specification	400V specification	220V specification	400V specification
Meximum Welding Current	4000A (Duty cycle 5%)		8000A (Duty cycle 5%)	
Rated Capacity (Duty Cycle 50%)	11 kVA	10 kVA	36 kVA	33 kVA
Primary Input Voltage	300V	600V	300V	600V
Secondary Open-circuit Voltage	8.4V	7.6V	14.1V	12.9V
Transformer Turns Ratio	37: 1	74: 1	22: 1	44: 1
Input Frequency	2kHz/4kHz/5kHz		2kHz/4kHz/5kHz	
Cooling Method	Air		Air	
Dimensions (mm)	W150 × D337 × H222 (Excluding protrusions)		W200 × D370 × H214 (Excluding protrusions)	
Weight	≒14kg		≒23.4kg	

Program box NA-PB100

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Power Source

Program box allows remote operation

It is possible to operate multiple inverter power supplies with one unit. When installed in an automated machine. it gives flexible layout of welding power supply. PIR R.N.