

NTWPA Series power amplifier is our key product adopting complete solid-state solution, featuring with high reliability, friendly interactive user interface, it has been widely used in various applications including wireless telecommunication medical, EMC etc.

- Excellent design, efficient cooling
- Standardized enclosure, easy for cabinet install
- Various protections, high reliability



Product Specifications

Parameters	Performance	Remarks
Working frequency	10MHz~100MHz/100MHz~1GHz	Switchable by switch
Output Power	100W	CW
P-1 Power	80W	-
Max. Input Power	0dBm	CW
I	50 Ω VSWR 2.0: 1	-
Output impedance	50 Ω nominal	
Gain	50dB	-
Power flatness	± 4 dB	-
2 nd Harmonic Wave	-15dBc	-
Out-band Spurious	-50dBc	200kHz away from main signal
Over-VSWR	6	Alarm activated , PA stops working when output VSWR>6
Over-heat	70℃	-

Power Amplifier

Over-heat	-	PA protected from damage when input with large power
Working Temperature	0℃~+40℃	-
Working Environment	Humidity ≤90%	
Working Voltage	AC 220V±10% , 50/60Hz	10A
Size (L*W*H)	448mm×600mm×225mm	5U
Enclosure Surface Finish	-	Spray paint, sand blast
Input Interface	N-K type	Rear panel
Output Interface	N-K type	Rear panel
Fwd-Rev Coupling Interface	N-K type	Rear panel
Cooling Unit	-	Forced Air Cooling
Controlling Interface	GPIB、LAN	

Options

A:	*The input/output interface is on the front panel	<input type="checkbox"/>
B:	The input/output interface is on the rear panel	<input type="checkbox"/>
C:	Security lock DB15	<input type="checkbox"/>
D:	*Gain adjustment	<input type="checkbox"/>
E:	Built-in dual directional coupler, providing coupling port	<input type="checkbox"/>

*) These options may reduce output power and/or gain

Remark: With continuous product improvement, technical parameters of this document are subject to changes without further notice.