

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	700MHz~4.2GHz	-
Output Power	200W	CW
P-1	150W typ	125W min
Max. Input Power	0dBm	CW
Input Resistance	50 Ω VSWR 2.0: 1	-
Output Impedance	50 Ω nominal	
Gain	53dB	-
Gain Flatness	± 5 dB	-
2 nd Harmonic Wave	-15dBc@150W	-
Out-band Spurious	-50dBc	200kHz away from main signal
Over-VSWR	5	Alarm activated , PA stops working when output VSWR>5

Power Amplifier

Over-heat	70℃	-
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*1
Size (L*W*H)	448mm×600mm×270mm	6U
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
Over-heat	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.