

Power Amplifier

Specifications

Description:

PWA series power amplifier is composed of power exchange unit, electric control unit, signal modulation and protection unit, driving unit, power amplification unit and human-machine interface, etc., which is featured by high reliability, high efficiency, energy-saving, flexible and compact structure.



Power range	0.1~600 kVA
Output voltage	150 Vrms (rated), 180 Vrms (max.)
Input impedance	≥10 kΩ
Signal-to-noise ratio	≥65dB
Harmonic distortion (resistive load)	< 1.0 % (typical value)
Output current	≤ 4000A (200A step increase)
Output current crest factor	≥ 3
DC stability	Output terminal zero drift ≤ 50mv/8h
Frequency response DC ~5000Hz	± 3dB
Medium-frequency gain	≥ 80
DC/ AC conversion efficiency	> 95%
Load type	Resistive, capacitive, inductive (optional)
Parallel operation current unbalanceness	≤ 1%