

Product Characteristics

TND High precision fully automatic AC regulator



Product characteristics

Product characteristics

TND- -series is a high-precision automatic AC regulator designed with aesthetic thinking; A new generation of "AC voltage regulator" is designed with the perfect combination of three-dimensional large R Angle, circular gradient ventilation hole, convenient integrated terminal and LED technology blue light. Compared with traditional products, it has simple appearance, novel shape, easy installation and use, and better quality.It is the first choice of power supply for the protection of electrical equipment.

The product has high voltage regulation precision, small loss, wide range, no waveform distortion, over-voltage, overload and other protection functions

Scope of application

It is widely used in areas with low voltage and frequent fluctuations.It can supply power for precision instruments in families, industrial and mining enterprises, government agencies, scientific research institutions and laboratories.It is an ideal AC regulated power supply.

product feature

Product voltage regulation precision, fast response, wide range, more than 10k products using LED display, with output overvoltage, overload protection function.

Product specification

Specification and model: TND

Rated capacity (kVA) : 0.5、1、1.5、2、3、5、7、10、10G、15G、20G、30G

Meet the standard

Executive standard: Q/DLX 155-2022

Selection guide

TND	Design code	Rated capacity	construction
	□	□	□
	Common style: omit LED type: 2 LCD type: 3 E-commerce(lightning protection): e	1: 1 1P5: 1.5 2: 2 3: 3 30: 30	counter: omit G: cabinet type

Note: For example, 1: TND1kVA, the billing code is TND1;Example 2: TND-1.5kVA, billing code is TND1P5.

Technical Parameter

TND High precision fully automatic AC regulator

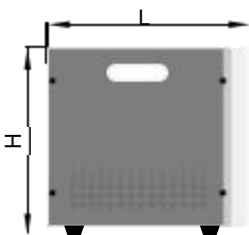
TND series

Technical parameter

Product model	TND- High precision fully automatic AC regulator	
Input voltage range	(V)	160~250
Output voltage	(V)	220V±1-4%
Output overvoltage protection	(V)	246±4
Output undervoltage protection	(V)	184±4 (Conventional products do not set up undervoltage protection)
Insulation class		F
Class of protection	(%)	IP20
frequency	(Hz)	50/60
Temperature rise	(K)	< 90
efficiency	(%)	> 92
Response time	(s)	< 1

Overall dimensions and weight

Table Type



Dimension weight parameters			
Structure	Specification	Overall dimension(cm) W×L×H	Wight (kg)
Table Type	TND-0.5kVA	19.2×16.5×13.5	3.8
	TND-1kVA	21.0×20.0×15.3	4.6
	TND-1.5kVA	21.0×20.0×15.3	5.4
	TND-2kVA	19.5×27.5×19.5	7.1
	TND-3kVA	20.5×30.0×23.0	10.8
	TND-5kVA	22.2×31.5×28.5	14.4

Cabinet Type



Dimension weight parameters			
Structure	Specification	Overall dimension(cm) W×L×H	Wight (kg)
Table Type	TND-7kVA	24.5×39.2×35.2	25.6
	TND-10kVA	24.5×39.2×35.2	27.7
Cabinet type	TND-10kVA	30.2×35.5×50.2	30.2
	TND-15kVA	33.6×43.2×59.5	52.8
	TND-20kVA	33.6×43.2×59.5	62.5
	TND-30kVA	40.2×50.5×72.8	70.4