ETP1503A / ETP1506A / ETP3003A / ETP3005A / ETP3010A / ETP6003A / ETP6005A

ETP-A Series Adjustable DC Power Supply



OVERVIEW

The ETP-A series is a single-output adjustable DC regulated power supply with a four-digit LED display that shows voltage and current simultaneously. Constant-voltage (CV) and constant-current (CC) modes switch automatically, and voltage and current are continuously adjustable. Advanced switch-mode control technology and components give high efficiency, light weight, energy saving and environmental friendliness.

FEATURES

- Maximum output range: 300 W power, 60 V voltage, 10 A current
- Resolution up to 10 mV and 1 mA
- LED digital display, 4-digit voltage and current readout
- Automatic CV / CC mode switching with status indicator
- Overvoltage, overcurrent, overpower and overtemperature protection
- One group of quick parameter storage and recall
- Standard RS232 communication interface, remote control supported
- SCPI programming protocol supported; RS485 address settable internally
- Intelligent temperature-controlled fan — energy saving
- Keypad and encoder adjustment, with digit-by-digit precise setting

SPECIFICATIONS BY MODEL

Item	ETP1503A	ETP1506A	ETP3003A	ETP3005A	ETP3010A	ETP6003A	ETP6005A
Output voltage	0 – 15 V	0 – 15 V	0 – 30 V	0 – 30 V	0 – 30 V	0 – 60 V	0 – 60 V
Output current	0 – 3 A	0 – 6 A	0 – 3 A	0 – 5 A	0 – 10 A	0 – 3 A	0 – 5 A
Output power	45 W	90 W	90 W	150 W	300 W	180 W	300 W

GENERAL SPECIFICATIONS (ALL MODELS)

CV mode	Voltage stability ≤ 0.1 % ± 3 mV · load stability ≤ 0.1 % ± 3 mV
CC mode	Current stability ≤ 0.1 % ± 3 mA · load stability ≤ 0.1 % ± 3 mA
Display accuracy	Voltage 0.5 % ± 3 digits · current 0.5 % ± 3 digits
Ripple and noise	Vpp ≤ 1 %
Display resolution	Voltage up to 10 mV · current up to 1 mA
Display	4-digit LED digital tube
Power input	AC 220 V ± 10 % / 50 Hz or AC 110 V ± 10 % / 60 Hz (optional — to be specified before purchase)
Operating environment	Indoor use · altitude ≤ 2000 m · temperature 5 – 40 °C · humidity 10 % – 85 % RH
Storage environment	Temperature −20 – 80 °C · humidity ≤ 80 % RH
Dimensions	190 × 70 × 130 mm (L × W × H)
Weight	Net 1.1 kg