

Power supplies IP-400

IP-400 provides playback of DC voltage and DC power over a single channel.

IP-400 is designed for DC power supply of various electronic equipment.

Main functions

- formation of a stable voltage;
- automatic short - circuit protection;
- led indication of the output voltage;
- galvanic separation of the 220 V network and the consumer;
- the connection and disconnection of consumers.



Specifications

Technical characteristics of IP in DC voltage stabilization mode	
The range of the playback DC voltage 0,1 - 40 V	Limits of permissible absolute error of DC voltage reproduction $\pm (0,05 \cdot 10^{-2} U_{\text{уст}} + 0,010) \text{ V}$, where $U_{\text{уст}}$ - value of the set reproducible DC voltage
Instability of the output voltage when the supply voltage changes within $(220 \pm 22) \text{ V}$ no more than $\pm 10 \text{ mV}$	
Instability of the output voltage when the load current changes from 10 to 1 A not more than $\pm 10 \text{ mV}$	Output voltage ripple level at an output current of 9 A no more than 30 mV
Technical characteristics of IP in DC power stabilization mode	
Range of reproducible DC power 0.1 - 10 A	Limits of permissible absolute error of DC power reproduction $\pm (0,1 \cdot 10^{-2} I_{\text{уст}} + 0,060) \text{ A}$ where $I_{\text{уст}}$ - value of the set reproducible DC power
Instability of the output current when the supply voltage changes within $(220 \pm 22) \text{ V}$ no more than $\pm 20 \text{ mA}$	
Output current ripple level no more than 60 mA	Instability of the output current when the output voltage changes from 40 to 4 V no more than $\pm 20 \text{ mA}$
Overall dimensions 347 x 483 x 45 mm	Weight 5 kg