

EPK-Serie 1000W Autoranging

0-1000V, 0-40A, 1000W Power Supplies Autoranging
Constant Voltage /
Constant Current

Bestellbezeichnung für Netzgerät			
ordering number for power supplies			
Ausgangs- spannung output voltage	Ausgangs- spannung output current	Ohne Rechner-Schnittstelle without computer interface	Mit Rechner-Schnittstelle with computer interface
0 – 100 V	0 – 40 A	EPK 100-40A	EPK 100-40A RC
0 – 200 V	0 – 20 A	EPK 200-20A	EPK 200-20A RC
0 – 250 V	0 – 16 A	EPK 250-16A	EPK 250-16A RC
0 – 400 V	0 – 10A	EPK 400-10A	EPK 400-10A RC

The Power is located on 1000 W internal and between 25 % and 100 % of the max. Output Voltage fully available. So for example the 100V-Unit can supply from 0 to 25 V a Current of 40 A. From 25 V upwards the max. Current sinks continuously on 10 A at 100 V, so that in this range the produced Power is always 1000 W. The automatic transition for the performance control "1000 W" are indicated through the LED.

- ?? Active power factor correction.
- ?? Manual, analog- and computer-controlled operation is possible.
- ?? Built-in current sink with intelligent control.
- ?? Preset of all parameters in standby mode is possible.
- ?? Automatic sense leads.
- ?? Monitoring outputs 0...10 V.
- ?? Shutdown input and status outputs.
- ?? Due to small depth well suited für desktop use.
- ?? Adaptable for 19" rack-mounting with available accessories.

Technical datas:

Stability at CV mode:

with load change 0...100%: 0,005%
with mains voltage $\pm 10\%$: 0,001%

temperature coefficient: 0,003%/K

Stability at CC mode:

with load change 0...100% 0,01%

with mains voltage $\pm 10\%$ 0,001%
temperature coefficient 0,01%/K

