

CURRENT POWER SUPPLY PS 500-30



- The power supply is a transistor converter which produces galvanically separated direct current to resistive - inductive load from the input mains voltage. The output current is regulated with high stability of time and temperature.
- This kind of equipment is designed mainly for feeding of electromagnetic components of ion accelerators in atomic devices.

TECHNICAL PARAMETERS

Maximum output power	15 kW	Efficiency	≥ 90 %
Input voltage	3 x 380V ± 10%, 50 Hz	Covering	IP 20
Output voltage	0 – 30 V DC	Ambient temperature	+5°C to +35°C
Output current	0-500 A	Dimensions w x h x d	600 x 1350 x 550 mm
Load	0,04 – 0,06W, L/R < 4 s L = 15-200 mH	Weight	194 kg
Output current stability	200 ppm / 25°C, 3x380 V, Rz = 0,06 W	Tolerance of setting output current	± 0,5 %