

CURRENT POWER SUPPLY PS 15000-25D



- The power supply is a MOSFET transistor converter unit which produces galvanically separated DC current from the input mains voltage. The current is connected to superconductive magnet. The output current is regulated at high stability and precision.
- This kind of equipment is designed mainly for feeding of electromagnetic components of apparatuses for nuclear research and nuclear medical treatment at static or dynamic operation mode.

TECHNICAL PARAMETERS

Maximum output power	375 kW	Covering	IP 20
Input voltage	3 x 380 V (400 V), 50 Hz	Ambient temperature	+10°C to +35°C
Output voltage	0 - 25 V	Dimensions w x h x d	6000 x 2200 x 1000 mm
Output current	0 - 400 A	Weight	8 650 kg
Load	L = 0,001...1 mH R = ≤ 0,4 mΩ	Accuracy of output current setting	± 0,1 % of I max
Output current stability	< 250 ppm / 8 h		
Output current temperature coefficient	< 100 ppm / 5°C (at +10°C - +35°C)		