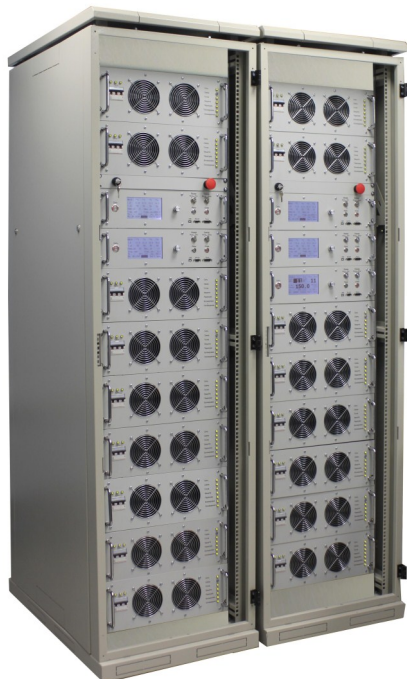


## Multichannel electric power supplied system for diode-pumped lasers

### Information



Laser multichannel electric power supplied system is designed for supplying high-power multi-channel lasers. The power supply system of a powerful multi-channel laser is used in special laser systems, laser technological complexes, in researches of laser-matter interaction; inertial confinement fusion; stands for the laser diodes arrays testing and etc. MEPSS can be equipped with all any supplies and charging module by FEDAL. The company has experience in designing MEPSS with the number of power supplies up to 50 pieces. The potential number of units is unlimited. The MEPSS structure includes modules that provide control and synchronization of power supplies.

### Specifications

MEPSS	
Average output power	250 kW
Numbers of modules	2-50
Numbers of triggers	1 - 8
External communication interface	RS232, USB, Ethernet
Internal communication interface	RS232, FOCL
Mode	synchronous / asynchronous
Trigger type	Internal / External
Input power	310 kW max
Cooling	Air / Water cooled
Power Input	three-phase 220/380 VAC, 50 Hz

\* Values are limited by average power:  $V \cdot I \leq P$