

# PSP Tower

## The Most Flexible Rectifier



**Efficient – Flexible – Sustainable**

### An Efficient Design Means Efficient Operation

With a capacity of 25 kW and a maximum output current of 1,500 A (16 V/1,500 A) per module, the **PSP Tower** is the most powerful rectifier in its class. Its modular design enables you to increase the output current to up to 7,500 A by means of five modules only and to adapt it to your needs by yourself at any time.

The small number of modules ensures high availability, reliability, and low maintenance costs!

### Power Increase: It Has Never Been So Easy

As each module has its own stackable enclosure and all connections are on the outside, you just need to put another module on top of the existing **PSP Tower** to increase the capacity, and the process will run with a higher output power within next to no time! – Build your own rectifier.

The **PSP Tower** has consistently been developed from the **PSP** switch-mode power supply series of **MUNK GmbH**. The technology of these power supplies has proven its reliability for more than 20 years and in case of almost 40,000 devices we have installed so far.

# PSP Tower

Compact • Modular • Expandable



Size	1.00	2.00	3.00	4.00
Output current at 16 V	3,000 A	4,500 A	6,000 A	7,500 A
No. of modules	2	3	4	5
Dimensions (W/D/H in mm)	505/620/775	505/620/1085	505/620/1395	505/620/1705

## High Availability Means Low Operating Costs

All connections of the power modules are easily and quickly accessible from the outside, which means you do not have to disassemble the entire tower, like with other concepts, if you want to replace a module. Just loosen the accessible screw and cable connections, and you can remove or add a module without any effort.

## Technical data

Mains voltage	3 x 380 – 480 V / 50 – 60 Hz
Power factor	> 0.95
Efficiency	> 88 %
Ripple	< 3 %
Nominal capacity	25 kW per module
Output current	7,500 A; with 5 modules only
Output voltage	16 V; 20 V; 25 V; 30 V; 45 V
Duty factor	100 %
Adjustment range	0 - 100 %
Ambient temperature	40 °C Up to 50 °C after derating
Cooling system	Air
Weight	Power module: 60 kg Control module: 15 kg
Degree of protection	IP 23
Dimensions: W/D/H in mm	505/620/ n x 310 + 155

# MUNK

Rectifiers, Transformers and Electrical Installations

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