

# PSP Family

Switch-mode rectifiers

for industrial applications

Water or Air-Cooled

# PSP Family

Small, compact and modular

The PSP Family modular switch-mode power supply concept is characterised by reliability, low energy consumption and low operation cost. The current state of development is based on more than 30 years of inhouse experience in the manufacturing of switch-mode rectifier devices.

## Rectifier modules

Our rectifier modules are the building blocks for your self-configured DC power supply and the backbone for the entire PSP Family series. Years of experience and continuous development of the modular rectifiers guarantee high reliability, high energy efficiency and an optimal price/performance ratio. The modules are available in different power classes and can therefore be optimally adapted to your requirements.

The rectifier modules are ready to install. For optimum adaptation to your requirements, they are available in two designs: as a module or as a 19" plug-in unit. The 19" plug-in unit has particularly been adapted to the 19" mounting system of the well-known switchboard system providers in order to simplify the installation of the rectifiers even further and to make optimum use of the available space in the corresponding control cabinet.

## Rectifiers single output

Our standard rectifier devices are ready-to-use complete units. The rectifiers have a central mains feed-in point and a mains-side electronic overcurrent protection. Copper output rails, overcurrent shut-off elements, fully automatic air-flow control are considered as industrial standards which belong to our scope of supply and don't have to be added as options. The standard rectifiers are available in various designs and performance sizes. As a result, we can provide you with flexible standard solutions that suit you and offer you an optimal cost/benefit ratio.

## Rectifiers multi output

The multi-output rectifiers have several separately controllable DC outputs. They are equipped with a mains sub-distribution, which reduces installation effort to a minimum.

With the PowerCabinet multi-output version, up to eight process tanks can be operated independently of each other, taking only 1 m<sup>2</sup> of floor space. The PowerCabinet therefore offers the highest degree of efficiency in terms of cost and space.

The multi-output MCR rectifier is freely configurable, even more flexible and can be equipped with modules in different power classes and with any number of independently controllable DC outputs as needed. This allows us to supply you with the space-saving, individual power supply solution that is best for you.

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## PowerCabinet Nano

PowerCabinet Nano design:  
Compact, reduced height – only 1500 mm high.  
Less space needed.



## PowerCabinet

Modular design with one mains connection and only one connection for cooling. DC outputs on the side, individually adjustable, height 2100 mm.



## PSP Tower

Simple power increase through stackable modules.  
Flexible, individual capacity adjustment to the requirements of the customer.

# MUNK

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# A strong team PSP Family

for the plating and anodising industry

