

<b>Output power:</b>	<b>max.</b>	<b>24000 Watt per rack</b>	<b>Typical applications:</b>	
<b>DC current:</b>	<b>max.</b>	<b>1200A per rack (at 20V)</b>	Chrome plating	Barrel plating
<b>DC voltage:</b>	<b>max.</b>	<b>600V per rack (at 40A)</b>	Anodizing/Aluminium colouring	Rack plating

The system tower VERSA POWER is designed for individual assembling of DC racks and offers a wide range of output power. VERSA POWER can flexibly be adapted to individual requirements and is the perfect concept for the increased demands in plating applications.

A VERSA POWER system tower is able to house several combinations of DC racks with rectifier units type POWER STATION pe4606, 4606-2 and 4606-3. The effect is a maximum of flexibility on a minimum of installation surface.



Front side view

Back side view

VERSA POWER, example with six DC units of the series POWER STATION pe4606-2

### Cascadable power range

The power range can be defined by parallel wiring or serial wiring of the individual DC outputs

### Typical specification data

Regulation inaccuracy:  
- for current < 1 %  
- for voltage < 0.5 %

Ripple < 1 % (0 - 300 Hz)

Efficiency: up to 92 %

Power factor  $\cos \varphi$  0,95

Constant-current or constant-voltage regulation

Inrush current limiter

Over temperature protection

Supply: Standard 3 x 380 - 460 V +/- 10 % / 50-60 Hz  
(other voltages on request)

### Cooling

Air cooled, via fans

optimized cooling air duct

Admissible environmental temperature: 35°C (others on request)

### Design

Modular rack assembling, protecting grade: IP33 (fan: IP20)

max. stack of 5 DC racks and one control rack recommended

- possible assembling for one rack:

1x pe4606-3 or 2x pe4606-2 or 4x pe4606

Stainless steel or powder coated, RAL 7035

DC connection via tinned copper bus bars in back side

Main switch, fuses and mains distributor optional

### Control

Standard: peRB interface, via switch pe900-588

optional: PROFIBUS, PROFINET, RS485-BUS, Modbus RTU, TCP/IP  
(others on request)



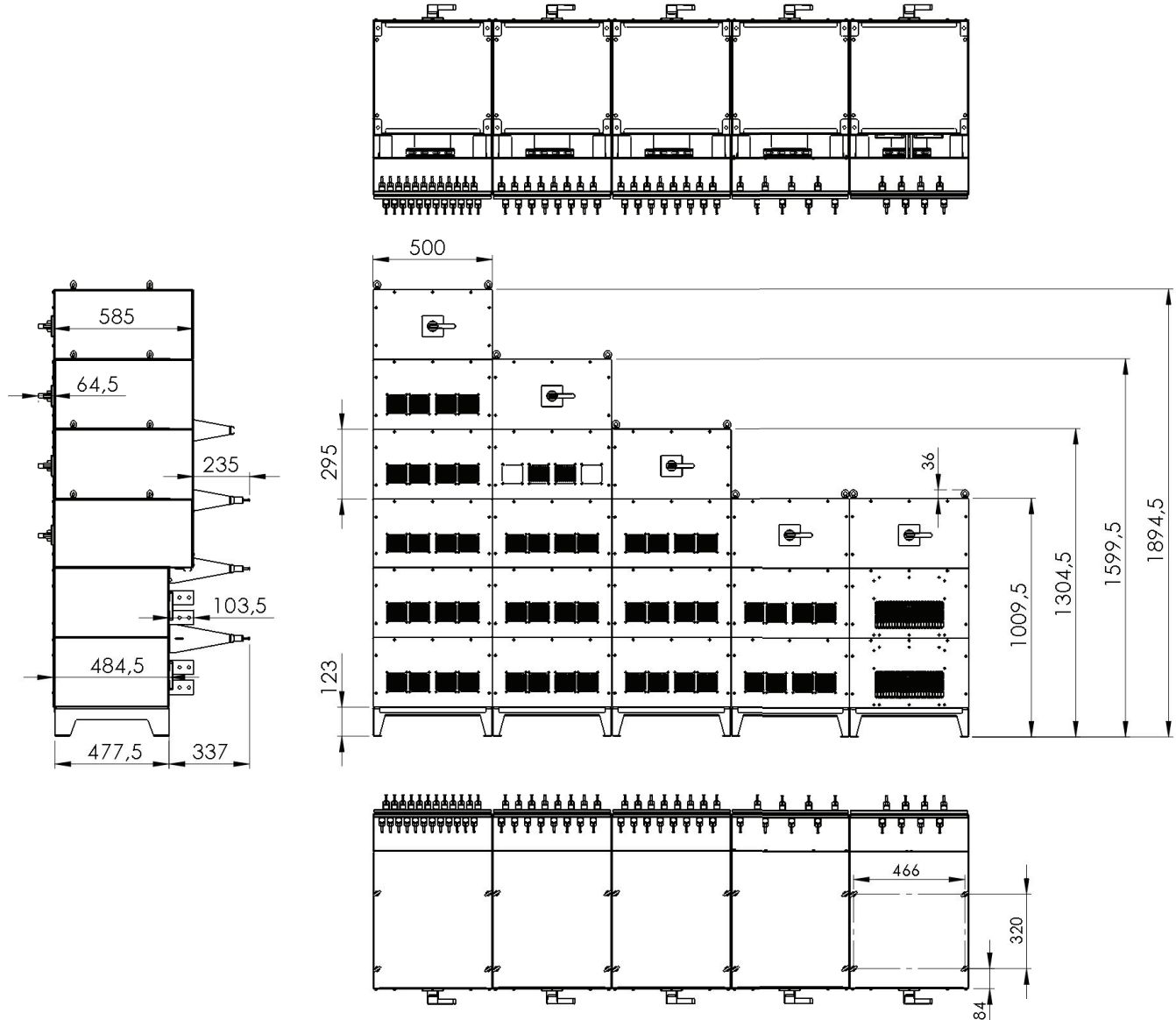
Front side view

Back side view

VERSA POWER, example with two DC units of the series POWER STATION pe4606-3

EMV: EN50011 class A, group B ; EN61000-6-4 and EN61000-6-2;  
CE-conformity low voltage guide line: EN50178

### Dimensions, overview



Technical equipment, design and features: subject to change! For further information please contact plating electronic GmbH.