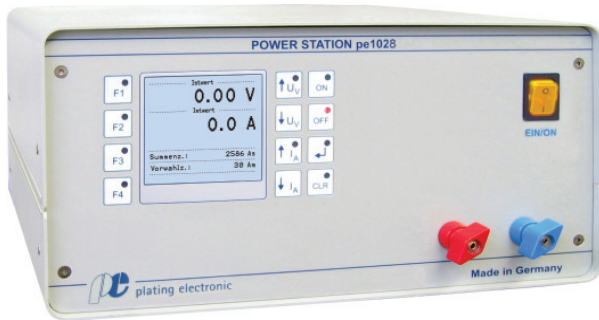
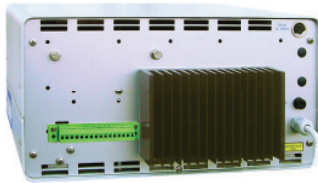


<b>Output power:</b>	<b>max. 750 Watt</b>	<b>Typical applications:</b>	Laboratory plating lines
<b>DC current:</b>	<b>max. 60A (at 12V)</b>	Precious metal plating	Reel-to-reel plating
<b>DC voltage:</b>	<b>max. 250V (at 3A)</b>	PCB lines	Manual plating lines

DC power supply in switch mode technology, designed for use in electroplating.



POWER STATION pe1028, front view



POWER STATION pe1028, back view, up to 750 W

### Characteristic values

Linearity inaccuracy < 0.5 %
Ripple less than < 0.5 %
Efficiency typical > 85 %
Powerfactor cos $\phi$ 0,95
Constant current and voltage control
Soft start function
Over temperature protection
Current and voltage preset
Programmable control unit
Large 3-line LCD display
Keypad for operation and programming
Integrated Ampere-hour counter (totalizer) (preset counter and other functions optional available)
Mains supply: standard 230 V +/- 10 % / 50-60 Hz (other voltages on request)

### Cooling

Air cooled, convection cooling
Ambient temperature 35°C (other on request)

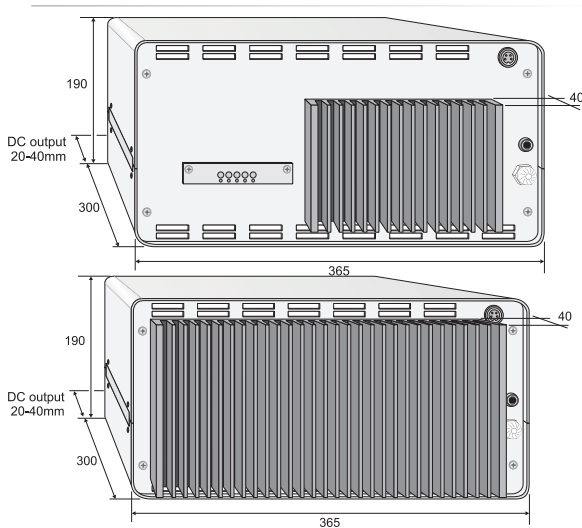
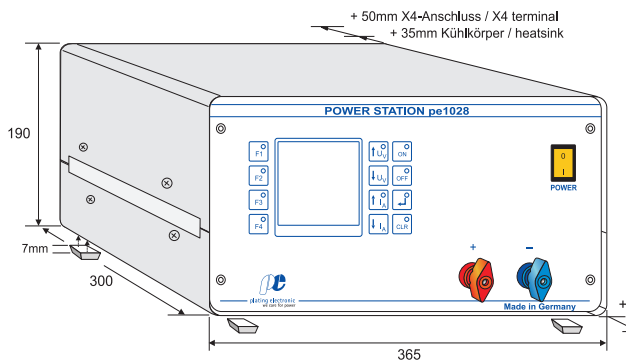
### Design

Compact desktop unit, protection grade IP21
Casing powder coated colour RAL 9018 (Standard)
Aluminium front panel with polycarbonat film
DC connector: see page 2

EMV: EN55011 Klasse A, Gruppe 1 ; EN61000-6-4 und EN61000-6-2  
CE-Konformität EN50178 - Niederspannungsrichtlinie

Values	Standard sizes – DC output <sup>1</sup>							other sizes on request		
	60 A				50 A	40 A	30 A	25 A	3 A	
DC current	6 V	8 V	10 V	12 V	15 V	18 V	20 V	24 V	30 V	250 V
DC voltage	230 V AC									
Mains supply	approx. 9 kg									
Weight										

### Standard dimensions



DC lead through bolts can be installed in front or back panel



DC oval flat clamp can be installed in front panel

### Control

Analog signals Iset, Uset, Iact, Uact = 0-10 V

### Control optional available

Analog signals galvanically isolated via isolation amplifier: 0-10V, 4-20mA, 0-20mA (other on request), X4-terminal

Serial interface RS485: X6 and X7 terminal

### Optional available functions

Preset counter, dosage counter \*

Ramp function (start / stop ramp)

Timer function for ON / OFF \*

Voltage / current alarm \*

Operating hours counter

Chopper timer (pulse-capable rectifier type requested)

Pole changer function to control an external pole changer unit (mechanical / electronic) \*

Programmable DC steps (14 individual steps) \*

Extern ON / External enabling

\* Indication / alarm output

### Optional available

Separate electronic controlled pole changer

### DC connector

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