DC POWER SUPPLY

POWER STATION pe1018-2

| Output power: | max. 200 Watt |
| DC current: | max. 12A (at 15V) |
| DC voltage: | max. 30V (at 2A) |

Typical applications:
- Laboratory plating lines
- Reel-to-reel plating
- Manual plating lines

DC power supply linear controlled, designed for use in electroplating.

Characteristic values
- Linearity inaccuracy < 0.3 %
- Ripple less than < 0.2 %
- Powerfactor cos Φ 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
- Optimized cooling air guiding, air consumption max. 50m³/h
- Cooling air outlet at the device back panel
- 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 polycarbonate film
- DC connection in front or back panel (lead through bolts or oval flat clamp)
- Easy installation

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

<table>
<thead>
<tr>
<th>Values</th>
<th>12 A</th>
<th>10 A</th>
<th>8 A</th>
<th>6 A</th>
<th>2 A</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC current</td>
<td>4 V</td>
<td>5 V</td>
<td>6 V</td>
<td>8 V</td>
<td>10 V</td>
</tr>
<tr>
<td>Mains supply</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>230 V AC</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 8 kg</td>
<td></td>
<td></td>
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Standard dimensions

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
Pole changer function (mechanical / electronic) *
Programmable DC steps (14 individual steps) *
Extern ON / External enabling
* Indication / alarm output

Optional available

Separate electronic controlled pole changer

DC connector

can be installed in front or back panel

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