**DC Series**

**power distribution**

Replace messy, space consuming wall warts and power supplies with a universal DC power solution for DC powered AV, Networking and Security devices.

### features:

- Multiple voltage outputs (5V, 12V, 18V, & 24V, depending on model) supported in a single box form factor
- Color-coded screw terminal connectors with industry standard voltages & polarity labeling for easy identification
- MOV surge and overload protection on the AC input and auto-resetting PTC overload protection on each individual DC output
- USB charging ports provided to conveniently power compatible products (not for data transfer)
- AC convenience outlets provided (PD-DC-45 only)
- LED indicator lights showing activity on each output and alerting maximum capacity on each voltage bank
- Hardware kit includes flexible mounting hardware, color-coded screw terminal connectors to connect devices, and a 6ft IEC power cord
- CE marked and has 230V/50Hz input (select models)
- UL Listed to US and Canadian requirements

### specifications:

- DC Power Distribution power management products shall be Middle Atlantic Products model #: PDDC___ (refer to chart). DC Power Distribution products shall be ___"H x ___"W x ___"D (refer to drawing). DC Power shall output ___ watts, refer to chart. DC Power shall provide MOV surge and overload protection and resettable PTC overload protection on each individual DC output. PD-DC___ shall provide ___ qty ___VDC outputs (refer to chart), ___ qty NEMA 5-15R outlets (refer to chart) and ___ qty USB outputs (refer to chart) and support mounting to the side of the enclosure with hooks or push-pins or rackmount flush or recessed, or mount to the side of the enclosure (refer to drawing). DC Power shall include a 6’ removable IEC power cord with a NEMA 5-15P plug. DC Power shall include a thermostatically controlled fan. DC Power shall have ___V (120V / 230V), ___ Hz (50, 60) input, refer to chart. DC Power shall be CE marked (select models, refer to chart.) DC Power shall be manufactured by an ISO 9001& 14001 registered company. DC Power shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. DC Power strip shall be UL Listed to UL 60950-1 in the US and CAN/CSA C22.2 No. 60950-1 in Canada and FCC/IC Class B.

Customizable specification clips available at middleatlantic.com
DC Series
basic dimensions

what great systems are built on.

NOTE(S):
1. MODEL NUMBER PD-DC-45 SHOWN
2. THERMOSTATICALLY CONTROLLED FAN FOR COOLING. DO NOT BLOCK FAN OR VENT HOLES.
3. DIMENSIONS ARE IN THE FORMAT: IN [MM]
DC Series
basic dimensions

what great systems are built on.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>OUTPUT POWER</th>
<th>ILLUMINATED CIRCUIT BREAKER SWITCH</th>
<th># OF 5VDC OUTPUTS</th>
<th># OF 12VDC OUTPUTS</th>
<th># OF 18VDC OUTPUTS</th>
<th># OF 24VDC OUTPUTS</th>
<th># OF USB CHARGING PORTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD-DC-125R</td>
<td>125W</td>
<td>15 AMP</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>PD-DC-300-12V</td>
<td>300W</td>
<td>10 AMP</td>
<td>0</td>
<td>24</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PD-DC-300-24V</td>
<td>300W</td>
<td>10 AMP</td>
<td>0</td>
<td>0</td>
<td>24</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PD-DC-300-12-24V</td>
<td>300W</td>
<td>10 AMP</td>
<td>0</td>
<td>12</td>
<td>0</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>PD-DC-200-5V</td>
<td>200W</td>
<td>10 AMP</td>
<td>24</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

NOTE(S):
1. MODEL NUMBER PD-DC-125R SHOWN
2. THERMOSTATICALLY CONTROLLED FAN FOR COOLING. DO NOT BLOCK FAN OR VENT HOLES.
3. COMES PREINSTALLED WITH SHORT MOUNTING EARS AS SHOWN.
4. EAR POSITIONING MAY BE CHANGED FROM FRONT TO BACK, OFFSET, OR ROTATED 90 DEGREES. LONG EARS ARE ALSO INCLUDED. SEE EAR POSITIONING VIEWS FOR DIMENSIONAL DETAILS.
5. DIMENSIONS ARE IN THE FORMAT: IN [MM]
## DC Series

### PD-DC-125R

**SPECIFICATION** | **DETAILS**
--- | ---
Line voltage | 120VAC/60HZ (MIN. 100VAC, MAX. 132VAC)
Current rating | 5A AC
Maximum power rating | 600W (DC OUTPUTS FULLY LOADED)
AC input connector | IEC C-14
Power cord length | 6 FEET
Surge protection | MOV, MODE L-N, CLAMPING VOLTAGE 595V
Total DC output current | 11.2A
Total DC output power | 125.3W
DC output over current protection | Automatically Resetting PTC Fuse On Each Output
Idle current | .250A AC

### PD-DC-45

**SPECIFICATION** | **DETAILS**
--- | ---
Line voltage | 120VAC/60HZ (MIN. 100VAC, MAX. 132VAC)
Current rating | 12A MAX (8A MAX WITH DC ONLY FULLY LOADED)
Maximum power rating | IEC C-14
AC input connector | 6 FEET
Power cord length | MOV, MODE L-N, CLAMPING VOLTAGE 595V
Surge protection | 5.2A DC
Total DC output current | 45W
Total DC output power | Automatically Resetting PTC Fuse On Each Output
DC output over current protection | 10A/120VAC/60HZ
Idle current | .080A AC

### PD-DC-300,200 SERIES

**SPECIFICATION** | **DETAILS**
--- | ---
Line Voltage | 100-240VAC, 50/60HZ
Current Rating | 5A AC MAX.
Max. Input Power Rating | 340W @ 120VAC, 60HZ (DC OUTPUTS FULLY LOADED)
AC Input | IEC C-14
Power Cable Length | 6FT, (1.83M)
Total DC Output Current | See “Max. Current Total” column on the DC Outputs table
DC Output Current Protection | Automatically Resetting PTC Fuse On Each Output
UL/CSA Standard | UL/CSA C22.2, NO. 60950-1
FCC/IC Class | CLASS B
Idle current | .080A AC

### DC OUTPUTS

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>MAX CURRENT TOTAL (RAIL)</th>
<th>MAX CURRENT PER OUTPUT</th>
<th>RAIL CURRENT WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>5V DC</td>
<td>3A</td>
<td>2A</td>
<td>2.85A</td>
</tr>
<tr>
<td>12V DC</td>
<td>2A</td>
<td>1.5A</td>
<td>1.9A</td>
</tr>
<tr>
<td>18V DC</td>
<td>2.5A</td>
<td>1A</td>
<td>2.25A</td>
</tr>
<tr>
<td>24V DC</td>
<td>1.2A</td>
<td>0.75A</td>
<td>1.15A</td>
</tr>
<tr>
<td>USB 5V DC</td>
<td>2.5A</td>
<td>2.1A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**CAUTION! DO NOT EXCEED MAXIMUM RATINGS**

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</tr>
<tr>
<td>USB 5V DC</td>
<td>2.5A</td>
<td>2.1A</td>
<td>N/A</td>
</tr>
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</table>

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### DC OUTPUTS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX. CURRENT</th>
<th>MAX. CURRENT PER BANK</th>
<th>MAX. CURRENT PER OUTPUT</th>
<th>TOTAL DC OUTPUT POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD-DC-200-5V</td>
<td>40A</td>
<td>20A</td>
<td>5A</td>
<td>200W</td>
</tr>
<tr>
<td>PD-DC-300-12V</td>
<td>25A</td>
<td>12.5A</td>
<td>5A</td>
<td>300W</td>
</tr>
<tr>
<td>PD-DC-300-24V</td>
<td>12.5A</td>
<td>6.25A</td>
<td>4.1A</td>
<td>300W</td>
</tr>
<tr>
<td>PD-DC-300-12-24V</td>
<td>18.75A</td>
<td>12V: 12.5A</td>
<td>24V: 6.25A</td>
<td>12V: 5A</td>
</tr>
</tbody>
</table>

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### IDLE CURRENT

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CURRENT</th>
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</thead>
<tbody>
<tr>
<td>PD-DC-200-5V</td>
<td>.250A</td>
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<tr>
<td>PD-DC-300-12V</td>
<td>.120A</td>
</tr>
<tr>
<td>PD-DC-300-24V</td>
<td>.120A</td>
</tr>
<tr>
<td>PD-DC-300-12-24V</td>
<td>.120A</td>
</tr>
</tbody>
</table>