












## Application Note

# Optional Power Supply Solutions

2017-11-22

Part Number	Appearance	Specifications	Application
KPW-1000T		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 48V/52V/54V, 1000W max.</p> <p>Operating Temp.: -20 ~ 60 °C</p> <p>Mounting: Desktop, 19" Rack, Panel</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● General power supply for 19" rack-mount systems.</li> <li>● External power supply for PoE switches or systems.</li> <li>● Power Load: 1000W@50°C, 600W@60°C</li> </ul>
KPW-300T		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 48V/52V/54V, 300W max.</p> <p>Operating Temp.: -40 ~ 64 °C</p> <p>Mounting: Desktop, 19" Rack, Panel</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● General power supply for 19" rack-mount systems.</li> <li>● External power supply for PoE switches or systems.</li> <li>● Power Load: 300W@50°C, 225W@60°C, 150W@64°C</li> </ul>
KPW-1012-D		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 12V, 0.85A max.</p> <p>Operating Temp.: -40 ~ 70°C</p> <p>Mounting: DIN-Rail, panel, wall, desktop</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● Devices which need typical power adapter.</li> </ul>

KPW-2012-D-E		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 12V, 1.8A max.</p> <p>Operating Temp.: -20 ~ 60°C</p> <p>Mounting: DIN-Rail, panel, wall, desktop</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● Devices which need typical power adapter.</li> <li>● Power Load: 100% @ -20 ~ 50°C, 50% @ 60°C</li> </ul>
KPW-2024-D		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 24V, 0.9A max.</p> <p>Operating Temp.: -25 ~ 70°C</p> <p>Mounting: DIN-Rail, panel, wall, desktop</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● Devices which need typical power adapter.</li> <li>● Power Load: 100% @ -25 ~ 60°C, 50% @ 70°C</li> </ul>
KPW-DCT48-D		<p>Input: +12 ~ 30VDC</p> <p>Output: 48V, 2A max.</p> <p>Operating Temp.: -30 ~ 70°C</p> <p>Mounting: DIN-Rail, panel</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Power supply for KTI's all industrial rated products.</li> <li>● Isolated DC to DC power converter.</li> <li>● External DC24V to DC48V power supply for PoE switches.</li> </ul>
KPW-1212-HB-V		<p>Input: 100 ~ 240V, 50/60Hz</p> <p>Output: 12V, 1A max.</p> <p>Operating Temp.: -10 ~ 60 °C</p> <p>Mounting: Desktop</p> <p>AC Plug: EU Type</p>	<ul style="list-style-type: none"> <li>● Environment with high operating temperature.</li> <li>● Devices which need typical power adapter.</li> </ul>

KPW-1212-HB-U		Input: 100 ~ 240V, 50/60Hz Output: 12V, 1A max. Operating Temp.: -10 ~ 60 °C Mounting: Desktop AC Plug: US Type	<ul style="list-style-type: none"> <li>● Environment with high operating temperature</li> <li>● Devices which need typical power adapter</li> </ul>
PA-48V-0.75A		Input: 100 ~ 240V, 50/60Hz Output: 48V, 0.75A max. Operating Temp.: 0 ~ 40 °C	<ul style="list-style-type: none"> <li>● Power supply for PoE PSE products which need external 48VDC power</li> </ul>
PA-48V-1.875A		Input: 100 ~ 240V, 50/60Hz Output: 48V, 1.875A max. Operating Temp.: 0 ~ 40 °C	<ul style="list-style-type: none"> <li>● Power supply for PoE PSE products which need external 48VDC power</li> </ul>
PA-56V-1.16A		Input: 110 ~ 240V, 50/60Hz Output: 56V, 1.16A max. Operating Temp.: 0 ~ 40 °C	<ul style="list-style-type: none"> <li>● Power supply for High power PoE PSE products which need external 56VDC power</li> </ul>