

# DC-DC Product Range

1 Watt	2 Watts	3 Watts	4-5 Watts	6 Watts	8 Watts	10 Watts	12 Watts	15 Watts	20-25 Watts	30 Watts	40-200 Watts	Military										
<b>IA/IB</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP &amp; DIP</li> <li>Single &amp; Dual Output</li> <li>1000 V Isolation</li> </ul>	<b>IH</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP &amp; DIP</li> <li>Dual Output</li> <li>1000 V Isolation</li> <li>Up to 6 kV Optional</li> </ul>	<b>IS</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Regulated</li> <li>SIP</li> <li>Single Output</li> <li>1000 V Isolation</li> <li>3000 V Optional</li> </ul>	<b>JCA04</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Compact DIP24</li> <li>Single &amp; Dual Output</li> <li>UL &amp; TUV</li> <li>1500 V Isolation</li> </ul>	<b>JCA06</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Compact DIP24</li> <li>Single &amp; Dual Output</li> <li>UL &amp; TUV</li> <li>1500 V Isolation</li> </ul>	<b>JCJ08</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>JCJ10</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>JCG12</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JCK15</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> <li>3500 V Optional</li> <li>High Efficiency</li> </ul>	<b>JCK20</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1.6"</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> <li>High Efficiency</li> <li>Remote On/Off</li> </ul>	<b>JCL30</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1.6"</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JCP40</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 2"</li> <li>Single, Dual &amp; Triple</li> <li>1500 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>MTC05-30</b> <ul style="list-style-type: none"> <li>5-35 Watts</li> <li>15-40 VDC Input</li> <li>Single &amp; Dual Output</li> <li>MIL-STD-461E/F</li> <li>MIL-STD-1275A-D</li> </ul>										
<b>IE</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP &amp; DIP</li> <li>Single Output</li> <li>1000 V Isolation</li> <li>3000 V Optional</li> </ul>	<b>IL</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP</li> <li>Single Output</li> <li>1000 V Isolation</li> <li>3000 V Optional</li> </ul>	<b>IZ</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Regulated</li> <li>SIP</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> </ul>	<b>JTC04</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> <li>3500 V Optional</li> </ul>	<b>JHM06</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>60601 Approved</li> <li>5000 V Isolation</li> </ul>	<b>JTF08</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JCH10</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>JTF12</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JCM15</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JTM20</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>JCK30</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1600 V Isolation</li> <li>High Efficiency</li> <li>Remote On/Off</li> </ul>	<b>ICH</b> <ul style="list-style-type: none"> <li>50-150 Watts</li> <li>2:1 &amp; 4:1 Input</li> <li>Half Brick</li> <li>Single Output</li> <li>1500 V Isolation</li> <li>High Efficiency</li> </ul>	<b>MTC75/150</b> <ul style="list-style-type: none"> <li>75-150 Watts</li> <li>10-40 VDC Input</li> <li>Single &amp; Dual Output</li> <li>-55 °C Operation</li> <li>MIL-STD 461E/F</li> <li>MIL-STD 1275A-D</li> </ul>										
<b>IV</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP &amp; DIP</li> <li>Single &amp; Dual Output</li> <li>3000 V Isolation</li> <li>Up to 6 kV Isolation</li> </ul>	<b>IG/IJ</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP &amp; DIP</li> <li>Single &amp; Dual Output</li> <li>6000 V Isolation</li> <li>60601 Approved</li> </ul>	<b>JCA03</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Compact DIP24</li> <li>Single &amp; Dual Output</li> <li>UL &amp; TUV</li> <li>1500 V Isolation</li> </ul>	<b>JTB05</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>JTC06</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> <li>3500 V Optional</li> </ul>	<b>LDU08</b> <ul style="list-style-type: none"> <li>LED Driver</li> <li>7-30 VDC Input</li> <li>Up to 350 mA Output</li> <li>Non Isolated</li> <li>Dimming Control</li> </ul>	<b>JTA10</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>Level 'B' EMI</li> <li>UL Approved</li> <li>1500 V Isolation</li> </ul>	<b>JTH15</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1"</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>JTA20</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1.6"</li> <li>Single &amp; Dual Output</li> <li>Level 'B' EMI</li> <li>UL Approved</li> <li>1500 V Isolation</li> </ul>	<b>JTL30</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1"</li> <li>Single, Dual &amp; Triple</li> <li>1600 V Isolation</li> <li>Remote On/Off</li> </ul>	<b>IFH</b> <ul style="list-style-type: none"> <li>200 Watts</li> <li>2:1 Input</li> <li>2" x 1"</li> <li>Single Output</li> <li>1500 V Isolation</li> <li>Up to 90% Efficiency</li> </ul>	<b>MTF50</b> <ul style="list-style-type: none"> <li>-55 °C Operation</li> <li>50 Watt Filter Module</li> <li>10-50 VDC Input</li> <li>MIL-STD 461E/F</li> <li>MIL-STD 1275A-D</li> </ul>											
<b>ID</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>SIP</li> <li>Single &amp; Dual Output</li> <li>6000 V Isolation</li> <li>60601 Approved</li> </ul>	<b>JAH02</b> <ul style="list-style-type: none"> <li>±10 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>1000 V Isolation</li> <li>Up to 6 kV Optional</li> <li>Optional Metal Case</li> </ul>	<b>JHM03</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>DIP24</li> <li>Single &amp; Dual Output</li> <li>60601 Approved</li> <li>5000 V Isolation</li> </ul>	<div style="text-align: center;"> <h2>SMD Selection Guide</h2> <table border="1"> <thead> <tr> <th>1 Watt</th> <th>1.5 Watts</th> <th>2 Watts</th> </tr> </thead> <tbody> <tr> <td> <b>ISG</b>  <ul style="list-style-type: none"> <li>±5% Input</li> <li>Regulated</li> <li>Single Output</li> <li>1000 V Isolation</li> </ul> </td> <td> <b>ISL</b>  <ul style="list-style-type: none"> <li>4:1 Input</li> <li>Regulated</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul> </td> <td> <b>ISQ</b>  <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single Output</li> <li>6000 V Isolation</li> <li>60601 Approved</li> </ul> </td> </tr> <tr> <td> <b>ISF</b>  <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single &amp; Dual Output</li> <li>1000 V Isolation</li> <li>3000 V Optional</li> </ul> </td> <td> <b>IST</b>  <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single Output</li> <li>1000 V Isolation</li> </ul> </td> <td> <b>ISP</b>  <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Regulated</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul> </td> </tr> <tr> <td> <b>ISJ</b>  <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Ultra Slim Package</li> <li>Single Output</li> <li>1500 V Isolation</li> <li>3000 V Optional</li> </ul> </td> <td></td> <td></td> </tr> </tbody> </table> </div>			1 Watt	1.5 Watts	2 Watts	<b>ISG</b> <ul style="list-style-type: none"> <li>±5% Input</li> <li>Regulated</li> <li>Single Output</li> <li>1000 V Isolation</li> </ul>	<b>ISL</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>Regulated</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>ISQ</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single Output</li> <li>6000 V Isolation</li> <li>60601 Approved</li> </ul>	<b>ISF</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single &amp; Dual Output</li> <li>1000 V Isolation</li> <li>3000 V Optional</li> </ul>	<b>IST</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Single Output</li> <li>1000 V Isolation</li> </ul>	<b>ISP</b> <ul style="list-style-type: none"> <li>2:1 Input</li> <li>Regulated</li> <li>Single &amp; Dual Output</li> <li>1500 V Isolation</li> </ul>	<b>ISJ</b> <ul style="list-style-type: none"> <li>±10% Input</li> <li>Unregulated</li> <li>Ultra Slim Package</li> <li>Single Output</li> <li>1500 V Isolation</li> <li>3000 V Optional</li> </ul>			<b>JTA15</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>2" x 1.6"</li> <li>Single &amp; Dual Output</li> <li>Level 'B' EMI</li> <li>UL Approved</li> <li>1500 V Isolation</li> </ul>	<b>LDU24</b> <ul style="list-style-type: none"> <li>LED Driver</li> <li>7-30 VDC Input</li> <li>Up to 1000 mA Output</li> <li>Non Isolated</li> <li>Dimming Control</li> </ul>	<b>JTB15</b> <ul style="list-style-type: none"> <li>4:1 Input</li> <li>1" x 1"</li> <li>Single &amp; Dual Output</li> <li>1600 VDC Isolation</li> <li>Remote On/Off</li> </ul>	<b>QSB</b> <ul style="list-style-type: none"> <li>75-200 Watts</li> <li>4:1 Input</li> <li>Quarter &amp; Half Brick</li> <li>Single Output</li> <li>1500 V Isolation</li> <li>Up to 90% Efficiency</li> </ul>	<b>DSF100-500</b> <ul style="list-style-type: none"> <li>100, 200 &amp; 500 W</li> <li>MIL-STD Filter</li> <li>Up to 28 A Output</li> <li>DEF-STAN 59-41</li> <li>MIL-STD 461E/F</li> <li>MIL-STD 1275A-D</li> </ul>
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