



# Computer Control Instrumentation

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## WR550E 550 Watt DC/DC Converter Specification Input 60-137VDC, Output 13.8V@40A

<b>Wide Range Input</b>	<b>60 - 137 VDC</b>
<b>Output Voltage</b>	<b>13.8VDC (-0 / +100 mV)</b>
<b>Regulation</b>	<b>&lt; 2% from no load to max load current.</b>
<b>Minimum load</b>	<b>No Min. load necessary to meet above spec.</b>
<b>Input Fuse</b>	<b>10A</b>
<b>Output Fuse/s (5)</b>	<b>2x15A 1x10A 1x5A 1xSpare</b>
<b>Input LEDs is ON if Input is</b>	<b>Within range 60 – 137VDC</b>
<b>Output LED is ON if O/P is</b>	<b>&gt; 12VDC</b>
<b>Efficiency</b>	<b>~90% Depending on Load Conditions</b>
<b>Isolation</b>	<b>I/P to O/P 500V Minimum</b>
<b>Isolation</b>	<b>I/P to GND 500V Minimum</b>
<b>Isolation</b>	<b>O/P to GND 500V Minimum</b>
<b>Ripple &amp; Noise</b>	<b>&lt; 100mV (Typically &lt;= 100mV @ 40A)</b>
<b>Operating Temperature</b>	<b>0-60°C</b>
<b>Inrush Current</b>	<b>100A for 1 ms, Falls to Max&lt;10A within 5 ms.</b>
<b>Input Over-Voltage Protection</b>	<b>Transorb 3.0 kW Peak Power @ 145V</b>
<b>Input/Output Connector</b>	<b>Faston Spade (Automotive style) 6.3mm.</b>
<b>Weight</b>	<b>As supplied in Carton: 2.01 kg</b>
<b>Cautions</b>	<b>Unit should be disconnected during any "Megger" testing of input/output circuits.</b>