

## RS6

The RS6 series offer very high power density ( $2.7\text{W}/\text{cm}^3$ ), wide input voltage range & an industrial operating temperature range of  $-40^\circ\text{C}$  to  $+75^\circ\text{C}$  without derating. High efficiency, tight regulation, 2kVDC isolation & remote on/off are just some of the characteristics of this advanced SIP8 6W converter which is ideal for high density power supply designs in demanding industrial applications.



<b>Unique Selling Proposition:</b>	<p>6W DC/DC converter in SIP8 package          High power density (<math>2.7\text{W}/\text{cm}^3</math>)          2:1 Input          Efficiency up to 88%  <math>-40^\circ\text{C}</math> to <math>+75^\circ\text{C}</math> Operating temperature range at full load          IEC/EN60950-1 &amp; IEC/EN62368-1 certified          Control &amp; trim pins          Pin-compatible with RSx series – e.g. easy power upgrade from 3W RS3 to 6W RS6</p>
<b>Target Customer:</b>	<p>Battery powered equipment          Test &amp; Measurement applications          High power density applications          Space constrained circuits          Regulated DC/DC power supplies          Demanding industrial applications</p>
<b>Main Features:</b>	<p>6W DC/DC converter in SIP8 package          Efficiency up to 88%  <math>-40^\circ\text{C}</math> to <math>+75^\circ\text{C}</math> Operating temperature range at full load          Control &amp; trim pins          IEC/EN60950-1 &amp; IEC/EN62368-1 certified          3 year warranty</p>

Datasheets and additional information can be found on: [www.recom-international.com](http://www.recom-international.com)