

## RP100H-RW

The half brick RP100H-RW series DC/DC converters are designed for railway rolling stock & high voltage battery applications. Each series has three 4:1 input voltage range options to cover all input voltages from 9VDC up to 160VDC with isolated & regulated 5V to 48VDC outputs. The converters have high efficiencies & metal base plates to permit a wide operating temperature range from -40°C to +85°C (when mounted on a suitable heat sink). The case is fitted with threaded inserts to allow secure mounting to the PCB or bulkhead for use in high shock & vibration environments. The converters are EN50155, UL60950 & IEC/EN60950 certified. The RP100H-RW series have a 3 year warranty.



**Unique Selling Proposition:** 100W regulated half brick DC/DC Converter  
 4:1 wide input range  
 3kVAC reinforced insulation for 110Vin  
 2.25kVDC basic insulation for 24Vin & 48Vin  
 Efficiency up to 93%  
 No minimum load required  
 EN50155, IEC/EN/UL 60950-1 certified

**Target Customer:** Railway Rolling Stock  
 Distributed Power Architectures  
 Industrial Controls

**Main Features:** 100W single output  
 Half brick package  
 4:1 wide input range  
 Efficiency up to 93%  
 3 year warranty

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