

REC15E-Z

The REC15E-Z series are 4:1 wide input voltage range 15W power DC/DC converters in a 1"x1" case. Despite their low cost, the converters are fully specified devices with output currents up to 4 Amps, no minimum load, 1.6kVDC isolation, high efficiency and low ripple/noise figures. The inputs are protected against transients of up to 100V and feature UVLO to allow the primary supply to start up safely. The single or dual outputs are continuously protected against short circuits and overload and can drive high capacitive loads. The REC15E-Z series will find many uses in cost sensitive applications where board space is at a premium.



Unique Selling Proposition:	<ul style="list-style-type: none"> 4:1 wide input voltage range Compact size 1"x1" package Efficiency up to 90% Wide operating temperature from -40°C to +75°C without derating or fan cooling Continuous short circuit protection
Target Customer:	<ul style="list-style-type: none"> Industrial controls Price sensitive designs High start-up current or high capacitive load applications
Main Features:	<ul style="list-style-type: none"> 1"x1" case Industry standard pinout 4:1 wide input range High efficiency from 20% load Trimmable outputs 190% output current capability Capacitive loads up to 12000µF Tight regulation (0.2%) OVP, OCP, UVLO -40°C to +75° operation without derating or fan cooling.

Datasheets and additional information can be found on: www.recom-international.com