

REC10K-AW



The REC10K-AW series are high power density, wide input voltage range 10W DC/DC converters in an industry standard 1"x1" case size. Despite their small size, the REC10K-AW converters are fully specified devices with output currents up to 2 amps, high efficiency, no minimum load, 1600VDC/1min isolation, tight regulation, and low ripple/noise figures. The outputs are also fully protected against short circuits, overcurrent, and overvoltage, and the

single output version offers a +/-10% trim range. These converters fit well in industrial applications where board space is at a premium.

Unique selling proposition:

4:1 (9 – 36VDC or 18-75VDC) wide input voltage range // 10W in compact 1"x1" package // Continuous short circuit protection // No minimum load

Target customer:

Industrial controls // Test & measurement // Automation // Distributed power architectures

Target applications examples:

Industrial robots // Portable equipment

Main features:

Derates to 100°C // ON/OFF function // Single or dual output options // Trimmable output (single output) // No minimum load // Pin-compatible with REC20K-Z and REC30K

Global sales release date:

12th June 2024

Web release date:

04th June 2024

Available from sample stock:

none

REC20K-Z



The REC20K series are high power density, wide input voltage range 20W DC/DC converters in an industry standard 1"x1" case size. Despite their small size, the REC20K converters are fully specified devices with output currents up to 5 amps, high efficiency, no minimum load, 2000VDC/1min isolation, tight regulation, and low ripple/noise figures. The outputs are also fully protected against short circuits, overcurrent, and overvoltage, and the single output

version offers a +/-10% trim range. These converters fit well in industrial applications where board space is at a premium.

Unique selling proposition:

4:1 (9 – 36VDC or 18-75VDC) wide input voltage range // 20W in compact 1"x1" package // Continuous short circuit protection // No minimum load

Target customer:

Industrial controls // Test & measurement // Automation // Distributed power architectures

Target applications examples:

Industrial robots // Portable equipment

Main features:

Derates to 105°C // ON/OFF function // Single or dual output options // Trimmable output (single output version) // No minimum load // No minimum load // Pin-compatible with REC10K-AW and REC30K

Global sales release date:

12th June 2024

Web release date:

04th June 2024

Available from sample stock:

none

REC30K



The REC30K series are high power density, wide input voltage range 30W DC/DC converters in an industry standard 1"x1" case size. Despite their small size, the REC30K converters are fully specified devices with output currents up to 6 amps, high efficiency, no minimum load, 2000VDC/1min isolation, tight regulation, and low ripple/noise figures. The outputs are also fully protected against short circuits, overcurrent, and overvoltage, and the single output version offers a $\pm 10\%$ trim range. These converters fit well in industrial applications where board space is at a premium.

Unique selling proposition:

2:1 (36 – 75VDC) and 4:1 (9 – 36VDC or 18-75VDC) wide input voltage range // 30W in a compact 1"x1" package // Continuous short circuit protection // No minimum load

Target customer:

Industrial controls // Test & measurement // Automation // Distributed power architectures

Target applications examples:

Industrial robots // Portable equipment

Main features:

Derates to 100°C // ON/OFF function // Single or dual output options // Trimmable output (single output version) // No minimum load // Pin-compatible with REC10K-AW and REC20K-Z

Global sales release date:

12th June 2024

Web release date:

04th June 2024

Available from sample stock:

none