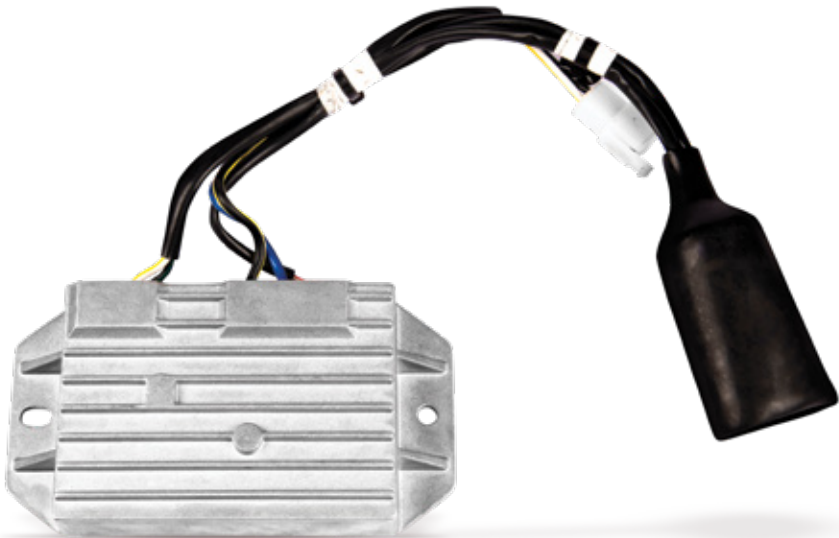


REGULATING POWER SUPPLY

Through our range of reliable
DC-DC Converters



SAFER. RELIABLE.
EFFICIENT.

**INTRODUCING
OUR WIDE
RANGE OF DC-DC
CONVERTERS.**

Primarily used to convert main battery voltage to power components like clusters, headlamps, taillamps, horns and more, the DC-DC converter plays a crucial role in optimising the overall vehicle performance.

The range stands out for its peak efficiency and advanced in-built safety features. Our DC-DC Converters are best suited for two-wheelers, three-wheelers and golf carts.



48V DC-DC 150W



Compact Design



High Efficiency



Inbuilt Safety Mechanisms



Highly Reliable

FEATURES

- Input under and over-voltage protection
- Output short circuit protection
- Over temperature protection
- Non-isolated input and output
- Output voltage ripple less than 100mV

TECHNICAL SPECIFICATIONS

- Input Voltage Range:** 30V to 65V
- Nominal Operating Voltage:** 48V
- Efficiency:** > 95%
- Output Voltage:** 14.4V
- Output Current:** 10A
- Operating Temperature Range:** -10°C to 60°C
- Storage Temperature Range:** -20°C to 80°C
- Ingress Protection:** IP 68 Compatible

48V DC-DC 150W/280W



High Efficiency



Inbuilt Safety Mechanisms



Highly Reliable



Smart

FEATURES

- Micro-controller based smart DC-DC Controller
- Input under and over-voltage protection
- Output under and over-voltage protection
- Over temperature protection
- Overload protection
- Non-isolated input and output
- Enable & feedback signal present for on/off control of DC-DC converter

TECHNICAL SPECIFICATIONS

- Input Voltage Range:** 30V to 65V
- Nominal Operating Voltage:** 48V
- Efficiency:** > 93%
- Output Voltage:** 14.4V
- Output Current:** 10A for 150W
20A for 280W
- Operating Temperature Range:** -10°C to 60°C
- Storage Temperature Range:** -20°C to 80°C
- Ingress Protection:** IP 68 Compatible



96V DC-DC 200W



High Efficiency



Inbuilt Safety Mechanisms



Highly Reliable



Smart

FEATURES

- Micro-controller based smart DC-DC Controller
- Input under and over-voltage protection
- Output under and over-voltage protection
- Over temperature protection
- Input overcurrent protection
- Overload protection
- Isolated input and output
- Soft start
- Output voltage ripple less than 100 mV

TECHNICAL SPECIFICATIONS

- Input Voltage Range:** 65V to 125V
- Nominal Operating Voltage:** 96V
- Efficiency:** > 95%
- Output Voltage:** 14.4V
- Output Current:** 15A
- Operating Temperature Range:** -20°C to 65°C
- Storage Temperature Range:** -40°C to 85°C
- Ingress Protection:** IP 68 Compatible

96V DC-DC 430W



High Efficiency



Inbuilt Safety Mechanisms



Highly Reliable



Smart

FEATURES

- Micro-controller based smart DC-DC Controller
- Input under and over-voltage protection
- Output under and over-voltage protection
- Over temperature protection
- Input overcurrent protection
- Overload protection
- Isolated input and output
- Configurable for CAN or enable and feedback signal
- Soft start
- Output voltage ripple less than 140 mV

TECHNICAL SPECIFICATIONS

- Input Voltage Range:** 65V to 125V
- Nominal Operating Voltage:** 96V
- Efficiency:** > 95%
- Output Voltage:** 14.4V
- Output Current:** 30A
- Operating Temperature Range:** -20°C to 65°C
- Storage Temperature Range:** -40°C to 85°C
- Ingress Protection:** IP 68 Compatible



CAPABILITIES



World-class SMT manufacturing facilities with end-to-end child part traceability, in-line laser marking, in-line AOI, and automatic loader and unloader



In-house product design and development



In-house testing and validation



Seamless and single piece assembly process



In-house developed EOL (End of Line) bench and burn in machine, which captures all the testing parameters before the finished product



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