

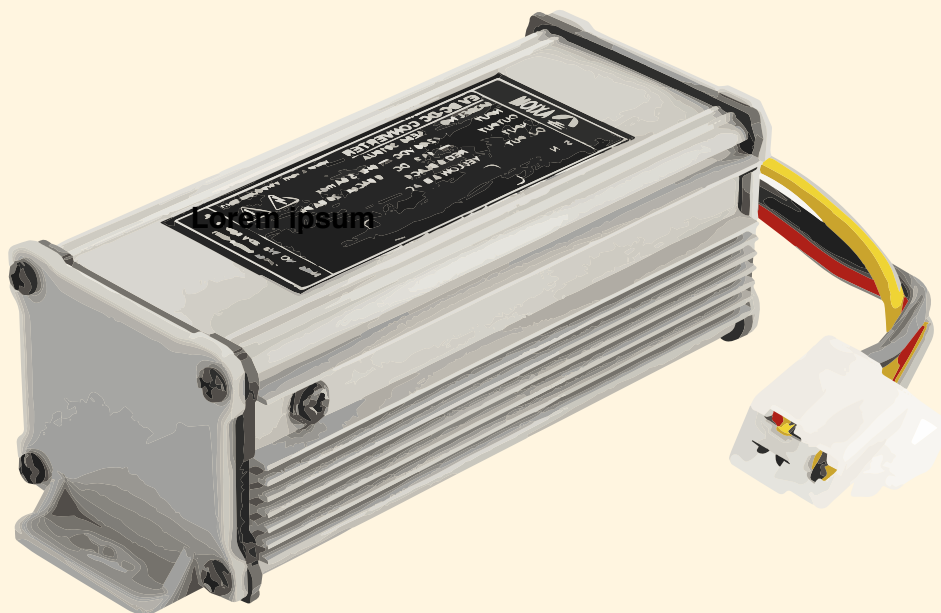
# Product Specifications

280W DC-DC Converter

Model: **AE0028010UAA**

Type: **DC- DC Converter**

Applications: **Electric Three Wheelers**



## Key Attributes



Ingress  
Protection



Bump and  
vibration resistant



Low power  
consumption



High Power  
Design



Over temperature  
protection



Battery reverse  
protection

## Specifications

### DC Input

Voltage - range	: 42-60 VDC
Nominal voltage	: 48 VDC
Current	: <5A
Efficiency	: >85%

### DC Output

Voltage	: 13.2V $\pm$ 0.5V
Power	: 240W
Current	: >15A - <20A Peak, 10A(Continuous)

### Protections

Output over load	: Available
Output short circuit	: Available
Output over voltage	: Available
Output reverse polarity	: Available
IP protection	: IP65

### Environmental

Operating temperature	: 0°C to +50°C
Storage Temperature	: -15°C to +70°C

### Mechanical

Cooling	: Free Air Cooling
Enclosure	: Aluminium
Dimensions	: L-90mm W-67mm H-42mm
Weight	: 0.5 kg

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