

# Simtec 450



The **Simtec 450** DC traction controller incorporates the latest state-of-the-art IGBT technologies, with innovative safety systems for both components and user.

This translates into a very reliable, easy maintainable system that is suitable for all medium sized electric vehicles using series wound motors.

The construction of the IGBT makes this device, one of the most efficient in use at this time. The simple construction techniques of the unit, allows for low cost spares and easy maintenance.

#### **Outline specifications:**

Voltage: 24-96V  
Peak Current: 450A (1min)  
Continuous Running Current: 160A (1Hr)  
Frequency: 300Hz  
Operating Temp: -30°C +80°C  
Dimensions: 200(L) x 170(W) x 100(H)mm

#### **User Benefits:**

Quiet in operation  
Increased shift life  
Enhanced motor life  
Simple installation-minimum set up time  
Reduced maintenance time  
Suitable for cold storage operation  
Designed to EC standards

#### **Features:**

Triple failsafe  
Built in diagnostic LED's  
Environmental protection  
Multi voltage 24-96V  
Ramp start  
Over-temperature cutback  
Built in contactor suppression  
Speed cutback

#### **Options:**

Bypass  
Field weakening  
Power steer delay  
Reverse alarm connection  
Speedcut back facility  
Twin motor capability

