

# Delphi DC/DC Converters

## ► Description

Delphi DC/DC converters create DC voltages in hybrid and electric vehicles necessary to power accessories, HVAC and power steering. Available at multiple input and output voltage ranges and in multiple topologies (uni-directional, bi-directional, single or multi-stage, hard- or soft-switched), these converters are applicable to mild hybrids, full hybrids and electric vehicles.

Delphi DC/DC converters operate at input voltages from 14VDC to 400VDC with power ranges from 100W to 3.2kW. Available air-cooled or liquid cooled, they are compatible with the harsh engine compartment environment



**Delphi DC/DC Converters**

## ► Minimum Order Quantity

- 5000

## ► Benefits

- Highly efficient conversion using synchronous rectification
- Rugged and reliable automotive design
- Applicable to multiple vehicle platforms without re-engineering
- Proven, production-ready design
- Can be up-integrated with other EV/HEV components

## ► Features

- Multi-output voltages available
- Analog output voltage set point or adjustable through serial communications
- Over-voltage, over-current and over-temperature protection and fault reporting