

DATASHEET



DLS-1224DC Series

12V-24V DC to DC Converter

Product specification

July 2009

12V-24V DC to DC Converter**DLS-1224DC Series****General Description:**

This product is designed to provide 12V to 24V power conversion for heavy duty applications in vehicle.

Features:

High efficiency, high precision DC to DC Converter unit. Wide input voltage range, with over-current, over-voltage and thermal protection function.

- Under and Over Voltage Protection
- Reverse Voltage Protection
- Voltage Transient Protection
- Over load and Short Circuit Protection
- Thermal Overload Shutdown
- Status Indicator
- Ignition Turn On

Quick Reference Data:

Model No	Input Voltage	Output Voltage	Output Current (A)	Efficiency	Ripple
DLS-1224DC	12VDC	24VDC	3,5,8,10,12,15,18,20,22,25	80%	150mV

ELECTRICAL SPECIFICATIONS

Standoff Voltage:	33V
Reverse Polarity:	30V
Operating Temperature:	-40 to 85 °C
Heat Sink Temperature:	100°C
Storage Temperature Range:	-55°C to +105°C
Input Voltage:	12V DC
Output Voltage:	24V DC (Regulated)
Output Current (A):	3, 5, 8, 10, 12, 15, 18, 20, 22, 25
Ignition Turn On Voltage:	12V DC

Place of origin: India