

DSE9912 & DSE9924

5 AMP & 3 AMP BATTERY CHARGERS

FEATURES



DSE9912—5A 12V

DSE9924—3A 24V

FEATURES

Low ripple Output

- Suitable for a wide range of battery types

Full Protection

- Reverse polarity protection, short circuit protection and current limiting
- Auto recovery on fault condition removal
- Automatically adjust the output current based on the ambient temperature

Boost Mode

- Boosts and equalises cell charge improving battery performance and life

Power Save Mode

- Once the battery is fully charged the chargers switch to Eco-Power to save energy

Paralleling Feature

- Multiple modules can be linked together to provide larger current output

KEY BENEFITS

- Small and compact size
- Auto recovery on fault condition removal
- Intelligent current limiting for controlling the output current
- Minimum 86% efficiency throughout full operating range

SPECIFICATION

AC SUPPLY

FREQUENCY RANGE

47 Hz to 63 Hz

VOLTAGE RANGE

189 V to 275 V (L-N) or (L-L)

DC OUTPUT

DSE9912 OUTPUT

5 A DC 12V DC

DSE9924 OUTPUT

3A DC 24 V DC

EFFICIENCY

>86%

DIMENSIONS

DIN Rail Mounted

108 mm x 101 mm x 48.6 mm

4.25" x 3.98" x 1.91"

Screw Mounted

108 mm x 101 mm x 48.6 mm

4.25" x 3.98" x 1.91"

WEIGHT

0.4 kg

OPERATING TEMPERATURE RANGE

-30 °C to +70 °C

STORAGE TEMPERATURE RANGE

-40 °C to +85 °C

ELECTRO

MAGNETIC COMPATIBILITY

BS EN 61000-6-2

EMC Generic Immunity Standard for the Industrial Environment

BS EN 61000-6-4

EMC Generic Emission Standard for the Industrial Environment

TEMPERATURE

BS EN 60068-2-1

Ab/Ae Cold Test -30 °C BS EN

60068-2-2

Bb/Be Dry Heat +55 °C

VIBRATION

BS EN 60068-2-6

Ten sweeps in each of three major axes

5 Hz to 8 Hz at +/-7.5 mm, 8 Hz to 500

Hz at 2 GN

HUMIDITY

BS EN 60068-2-30

Db Damp Heat Cyclic 20/55 °C at 95% RH

48 Hours

BS EN 60068-2-78

Cab Damp Heat Static 40 °C at 93% RH

48 Hours

SHOCK

BS EN 60068-2-27

Three shocks in each of three major axes 15

GN in 11 ms

Degrees of protection provided by

enclosures

BS EN 60529



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