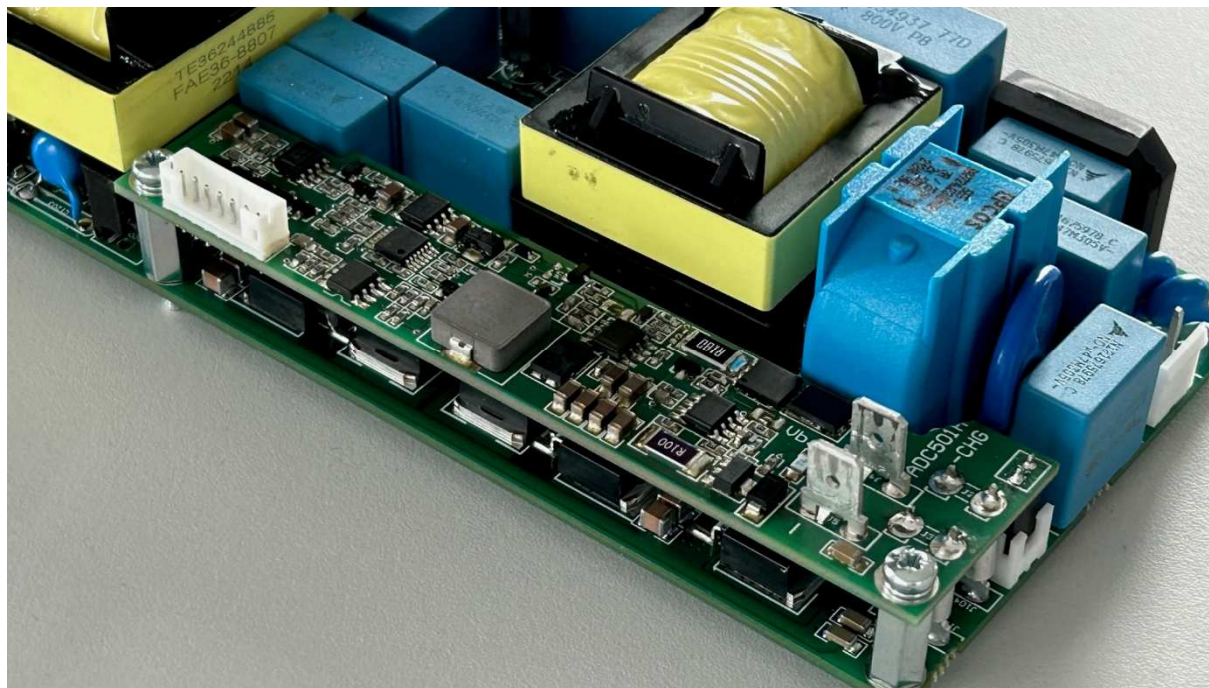


CHG40-24-X

EN54-4 ready

Backup battery charger mezzanine for ADC501H-24-30



GENERAL DESCRIPTION

The CHG40 board is a power supply module in accordance with EN54-4 (ready), allowing to power fire alarm systems and audio amplifiers. It provides a constant current and constant voltage (CC/CV) output to charge Lead Acid or LiFePO4 battery, with voltage and impedance battery measurement available on discrete interfaces.

APPLICATIONS

Fire alarm system according to EN54 (ready)
Security audio system
Public address audio system
Rack mounted amplifier system

AUXILIARY FUNCTIONS

Hot swappable Battery
Voltage and impedance battery monitoring
Enable charger

OPTIONS

Charger floating voltage 27.2Vdc or 29.2Vdc
Charging Current 0.75A or 1.5A

KEY FEATURES

Battery floating voltage	27.5 or 29.2Vdc
Battery charging current	0.75A or 1.50A
Total output power	40W/27.2V
Idle consumption (30Vdc)	<0.8W
Total efficiency (1.5A/26.5V)	>93%
Size	112x28x10mm
Weight	10g

Designed and manufactured in France.