



CHR-130/E

Battery Charger

Benefitting from the last technology, CHR-130/E battery charger has been designed and manufactured for charging two 12V/100A sealed acid batteries connected to each other serially to reach maximum gain and the most accurate charge control.

Charge method according to charging curve of sealed acid batteries in two fixed current and fixed voltage stages are implemented using a microcontroller. Input of the system is AC and its output meets all needed protections.

Technical Specifications

Range of the AC input voltage.....	180 ~ 250 VAC/50Hz
Output voltage after fully charging.....	29V $\pm$ 2%
Output current in fixed current status.....	10A $\pm$ 10%
Efficiency of the supply part.....	more than 85%
Battery charge level indicator.....	available
Correct battery connection indicator.....	available
Output port protection.....	available
Automatic error correction.....	available

Physical & Environmental Specifications

Dimension.....	24 × 21 × 9 cm
Weight.....	less than 3kg
Operating temperature.....	-10°C ~ +55°C
Environmental standard.....	MIL-STD-810F