

Mobility ELECTRONICS



MobileCharge24E

In-Car Smart Charger For Travel or Every-Day Use **Charges 24-Volt Power Chairs and Scooters**

CHARGES WHILE YOU DRIVE- Charge from the car cigarette lighter.

PERFECT FOR TRAVELING AND BUSY DAYS- Safely and correctly charges a 24-Volt power chair or mobility scooter while driving and 2-1/2 hours after.

PERFECT FOR PEOPLE WHO LEAVE THEIR CHAIR IN THE CAR WHEN AT HOME- No more running chargers and extension cords to the car.

2.5 AMP OUTPUT FOR FAST CHARGING- Faster than many OEM chargers.

PROTECTS THE CAR BATTERY- Shuts off before car battery is too low to start

Other Features

Compact and lightweight

Extends the scooter/chair battery life by reducing “depth of discharge”

4-Stage smart charge for fast charging and longer battery life

Automatically begins charging when the car engine is started

Shuts off if car battery is low, or 2.5 hours after the car engine is turned off

Two indicator LED's provide notification for all operating modes

Low battery drain when not charging

Maximum charge timer limits charging of bad batteries

High efficiency means the charger runs cool and conserves energy

Charger protected against output short circuit and Reverse Polarity

Protections and checks including 2-stage protection against over-heating

Pre-charge battery test and qualification detects bad or non-24V batteries

Advanced Microprocessor and software design

Modern switchmode electronic design with unique voltage-boosting circuit

Powers from the car's Cigarette Lighter

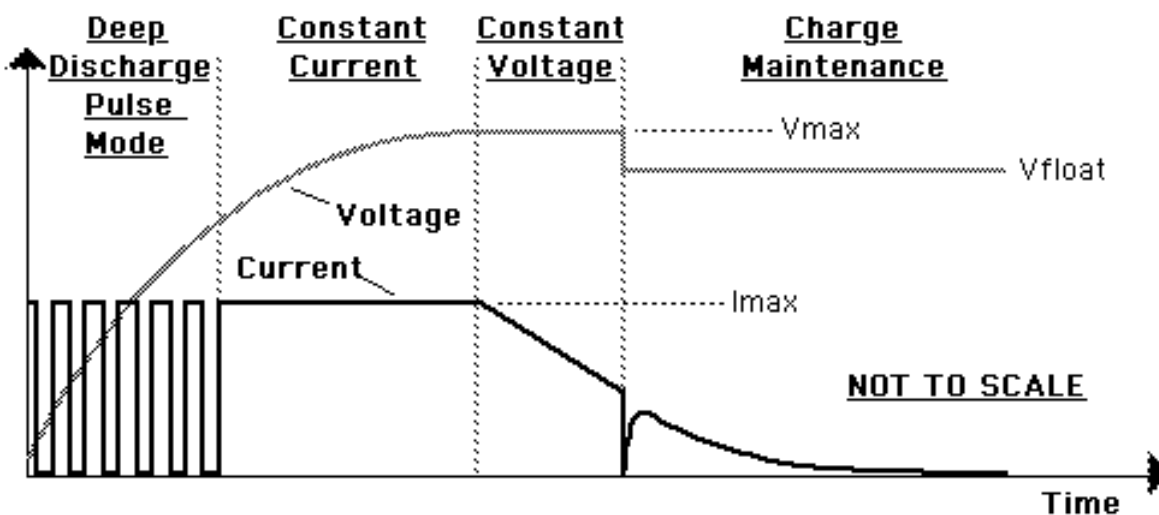
For 24 Volt Sealed Lead-Acid Batteries (Gel or AGM) only

“XLR” connector for most scooters & power chairs with off-board chargers

Specifications

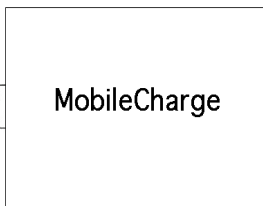
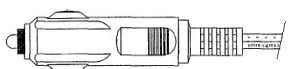
Operating Vehicle Voltage (DC):	12.2V – 15.5V
Constant Current Output (Imax)*:	2.5 Amps
Constant Voltage Output (Vmax):	28.8V
Charge Maintenance Voltage (Vfloat):	27.3V
Dimensions:	2.4" x 3.75" x 1.0"
Efficiency (Maximum):	96%
Rated Operating Temperature Range:	-25°C to +70°C
Input and Output Cable Length:	12 feet (6 feet for each cable)

Charge Profile

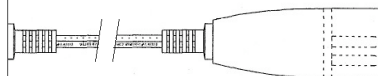


Connections

Power In:
12V from Cigarette Lighter



Output to Battery
Being Charged



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Assembled in the USA

