DURACELL®
ENERGY

DuraCharger
Electric Vehicle Charger

DuraCharger
Model No. Duracell EV (1P-T) 7kW-T

Charge your car & batteries from sunshine
or with the lowest-cost grid energy.

Key EV Charger Features

- Solar compatible
- PEN fault protected
- Operates with variable rate tariffs
- 3-year standard warranty
- Latest regulation compliant
- Fully compatable with Duracell Energy batteries & inverter
- Control anytime, anywhere via Duracell Energy phone APP

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Duracell EV (1P-T) 7kW-T Technical Specification

Product	Duracharger
Model no.	**Duracell EV (1P-T) 7kW-T**
Electrical Parameter	
Rated Power (kW)	7.4kW
Rated Voltage (V)	AC 230V ± 10%
Rated Current (A)	40A
Frequency (Hz)	50Hz/60Hz
Charging Mode	Mode 3 (EN/IEC 61851-1)
Charging Connector Type	IEC 62196 Type 2 (Tethered)
Standby Power (W)	<1W
Status Indication	3 Coloured LED (Red, Yellow, Green)
Mechanical Parameter	
Dimensions (mm, W x H x D)	250 x 341 x 85 mm
Weight (kg)	3.2 kg
Cable Length (m)	4m (7m optional)
Unit Material	ABS
Operating temperature range (°C)	-30°C ~+ 50°C
Relative humidity (%)	5% ~ 95%
Communication	
Wi-Fi Communication	W-Fi 2.4GHz, LAN, Bluetooth (on installation only), RFID
Protocol	OCPP 1.6 JSON (OCPP 2.0 Optional)
Safety	
RCD	6mA DC Protection
Ingress Protection	IP55
Flame Retardant	UL 94V-0
Certification	CE, UKCA, OZEV, EN/IEC 61851-1: 2017, EN/IEC 61851-21-2: 2018, EN/IEC 61000-6-1:2019
Electrical Protection	• Over current protection • Residual current protection • Ground protection • Surge protection • Over/Under voltage protection • Over/Under frequency protection • Over/Under temperature protection
Warranty	3 years
Installation	
CB/RCD	40A/Type A
Earth Rod	No
Installation	Indoor or Outdoor, Wall-mount, Floor-mount

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www.duracellenergy.com **sales.uk@duracellenergy.com** **01386 577845**