

DuraCharger

Electric Vehicle Charger



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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 compatible with Duracell Energy batteries & inverter
-  Control anytime, anywhere via Duracell Energy phone APP

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)	32A
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, Bluetooth (optional), RFID
Protocol	OCPP 1.6 JSON (OCPP 2.0 Optional)
Communication	
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	<ul style="list-style-type: none"> ● 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	32A/Type A
Earth Rod	No
Installation	Indoor or Outdoor, Wall-mount, Floor-mount

