

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.

www.duracellenergy.com

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, 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		32A/Type A	
Earth Rod		No	
Installation		Indoor or Outdoor, Wall-mount, Floor-mount	



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