

# 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](http://www.duracellenergy.com)

V2.1

#### 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   |
| <b>Electrical Parameter</b>      |  |
| 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)  |
| <b>Mechanical Parameter</b>      |  |
| 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%   |
| <b>Communication</b>             |  |
| Wi-Fi Communication              | W-Fi 2.4GHz, LAN, Bluetooth (on installation only), RFID   |
| Protocol                         | OCPP 1.6 JSON (OCPP 2.0 Optional)  |
| <b>Safety</b>                    |  |
| 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"> <li>● Over current protection</li> <li>● Residual current protection</li> <li>● Ground protection</li> <li>● Surge protection</li> <li>● Over/Under voltage protection</li> <li>● Over/Under frequency protection</li> <li>● Over/Under temperature protection</li> </ul> |
| Warranty                         | 3 years  |
| <b>Installation</b>              |  |
| CB/RCD                           | 32A/Type A   |
| Earth Rod                        | No   |
| Installation                     | Indoor or Outdoor, Wall-mount, Floor-mount   |

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