



Smart DC EV Charger

D0300380E1EY(30kW)

We strive to be our installers' and users' best friend, which is why we have developed the Livoltek 30kW DC EV charger series. Our compact unit requires only a few screws or a simple installation pole, making the installation process a breeze. We also offer optional wall-mount and stand-mount for added flexibility. Plus, with the Livoltek Energy Monitoring System, configuration setup is smooth, fast, and easy.



CCS2



CCS1



CHAdeMO



Features



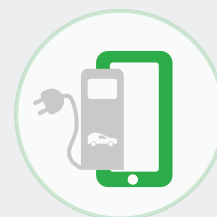
WiFi/4G/Ethernet
Connection



Flexible Charging
Strategy



Comprehensive
Protection Functions



OTA Remote
Access

- Power Factor ≥ 0.98
- Network or standalone operation
- Multi-standard: CCS1, CCS2, CHAdeMO
- Multiple protection to ensure users' safety
- Support smart charging and load balancing
- Optional RFID/App etc. for user identification and management
- IK10& IP54
- Efficiency > 95%
- Customization available
- 4.3 inches color touch screen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol)
- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

Specifications

Model	D0300380E1EY
Power Specifications	
Input Connection	3-Phase : 3P+N+PE
Input Voltage	400Vac \pm 10%
Frequency	50Hz or 60Hz
THDi	\leq 5%
Power Factor	\geq 0.98
Output Voltage	150Vdc - 1000Vdc
Max. Output Current	100A(125A CHAdeMO)
Rated Power	30kW
User Interface & Control	
LCD Display	4.3" Color Touch Screen
User Authentication	RFID(ISO/IEC 14443) (APP/ Credit Card Customization)
LED Indicator	Green/Blue/Red
Charger Connector	CCS2 (CCS1 / CHAdeMO Optional)
Energy Measuring	DC meter, with 1% accuracy
Communication	
Backend	Ethernet / Bluetooth / Wi-Fi (4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)
Protection	
Residual Current Device	Yes
Internal Fuse	Yes
Electrical Protection	Over/Under Voltage Protection,Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Fault, Surge Protection
Environmental	
Operating Temperature	-30 C - +50 C
Storage Temperature	-40 C - +75 C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	\leq 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling
Mechanical	
Product Dimension(W*D*H)	640mm*160mm*550mm
Package Dimension(W*D*H)	808mm*438mm*748mm
Charging Cable Length	5m (Customizable)
Weight	80kg(Net) / 85.7kg(Gross)
Mounting	Wall-mount and Stand-mount
Certifications	
Safety	CE