DATA SHEET | 60KW EV CHARGER

BLA ETECH
The Next Stage

DC FAST EV CHARGER

Feature and Benefits

- Simple operation, convenient installation .
- High efficiency, reliable and stable performance.
- Friendly interaction interface,7inch color touch screen.
- Support multiple modes of charging, operation management and payment.
- Support 3G/4G, Ethernet or wireless telecommunication.
- Support RFID Card
- OCPP 1.6J/OCPI 2.2.1
- Support CCS-2/CHAdeMO connector(or Socket).
- Overload integrated Protection ,EMI,EMC Compliance.
- Ripple Factor ≤ ±0.5%.
- Support online data upgrade.
- Rebound Hooks for cables and Gun.
- Easy & Fast CPO Co-ordination & Connectivity.
- 24X7 Remote Monitoring.
- 3 Years & 5 Years Warranty(Optional).

Real Image

TÜVRheinland CERTIFIED | EMC | ए आर ए आई ARAI Progress through Research | CE | RoHS COMPLIANT | ISO 9001:2015

Protection & Safety Features

- India's First EV Charger with EMI/EMC Filter inbuilt to Protect even the most Sensitive Electronics & BMS.
- Include EMI Standard IEC61851-1,ICE62196-2.
- Residual Current Protection,Surge Protection,Leakage Protection.
- Over Voltage,Under Voltage,Over Current,Short Circuit Protection.
- Ingress Protection IP 54.
- Impact Protection IK 10.
- Over Temperature Protection.
- Rebound Hook for Gun & Cable Protection.
- Harmonic Content THD ≤5% (above 50% Load).
- Charge Gun Temperature detection.
- MTBF 100000 Hours.

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Technical Details

S. NO.	Parameters	Specification
General		
1	Charger Capacity	60KW
2	Model No.	BLEV-DCF-60KW
Input		
3	AC Supply System	90A Three-Phase, 5 Wire AC System(3P+N+PE)
4	Nominal Input voltage	Three-Phase 440VAC (±10%),50Hz
5	Input frequency	45-65Hz
Environmental		
6	Ambient Temperature Range	-25 to 65°C
7	Ambient Humidity	5 to 95%
8	Storage temperature	-40 to 70°C
Mechanical		
9	IP Ratings	IP 54
10	Cooling	Air-cooled
Output		
11	Number of outputs	2 /Dual Gun /CCS-2
12	Type of each output	DC 200-1000V
13	Output Current	Max.120A@500V
14	Output Connector Compatibility	EMI,EMC Compliance,IEC 61851 2017, SAE J1772
15	Power Factor & THD	≥0.99(50% load above) ,THD ≤5% (above 50% Load),
User Interface & Display		
16	Emergency stop switch	Support
17	Display	7 Inches Touch Screen with Shell
18	User Authentication	Mobile Application or User Interface /QR Code/RFID Card/ Password
19	Metering Information	Consumption Units
Communication		
20	Communication between EVSE and Central Server(CPO)	Protocol OCPP 1.6J/OCPI 2.2.1
21	Metering	Grid Responsive Metering as Per Units' Consumption of Each Vehicle
22	Interface between charger and CMS	Ethernet/3G/4G/WIFI
Protection & Safety		
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.

SIZE & WEIGHT

Cabinet Size (L*W*H) (mm)	Cabinet Weight (KG)	Wooden Box Packing Size (L*W*H) (mm)	Gross Packing Weight (KG)	Cable length (m)
700*450*1680	270	1050*685*1850	290	5