60KW EV CHARGER



DC FAST EV CHARGER

Feature and Benefits

- Simple operation, convenient installation.
- High efficiency, reliable and stable performance.
- Friendly interaction interface, 7 inch 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).















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.













60KW EV CHARGER



DC FAST EV CHARGER

Technical Details

	S. NO.	Parameters	Specification					
2 Model No. BLEV-DCF-60KW Input	Genera	General						
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 P 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) 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,	1	Charger Capacity	60KW					
3 AC Supply System 4 Nominal Input voltage 5 Input frequency 45-65Hz Environmental 6 Ambient Temperature Range 7 Ambient Humidity 8 Storage temperature 10 Cooling Output 11 Number of outputs 12 Type of each output 13 Output Current 14 Output Connector Compatibility 15 Power Factor & THD 15 Power Factor & THD 15 Posplay 16 Emergency stop switch 17 Display 18 User Authentication 19 Metering Information 19 Communication between EVSE and Central Server(CPO) 20 Interface between charger and CMS 20 Safety Parameters 20 Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	2	Model No.	BLEV-DCF-60KW					
Three-Phase 440VAC (±10%),50Hz Input frequency 5 Input frequency 45-65Hz Environmental 6 Ambient Temperature Range 7 Ambient Humidity 8 Storage temperature 9 IP Ratings 10 Cooling 11 Number of outputs 12 Type of each output 13 Output Current 14 Output Connector Compatibility 15 Power Factor & THD 16 Emergency stop switch 17 Display 18 User Authentication 19 Metering Information 19 Communication between EVSE and Central Server(CPO) 21 Interface between charger and CMS Protection & Safety 23 Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	Input							
5 Input frequency 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) 21 Metering Grid Responsive Metering as Per Units' Consumption of Each Vehicle 22 Interface between charger and CMS Protection & Safety 23 Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	3	AC Supply System	90A Three-Phase, 5 Wire AC System(3P+N+PE)					
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6 Ambient Temperature Range 7 Ambient Humidity 8 Storage temperature 8 Storage temperature 9 IP Ratings 10 Cooling Output 11 Number of outputs 12 Type of each output 13 Output Current 14 Output Connector Compatibility 15 Power Factor & THD 16 Emergency stop switch 17 Display 18 User Authentication 20 Communication 20 Communication 20 Communication 20 Communication between EVSE and Central Server(CPO) 21 Interface between charger and CMS 21 Cover Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, 22 Safety Parameters 20 Vooling Cover Correct Compatibility 25 to 95% 26 to 95% 27 to 95% 28 to 95% 29 to 95% 29 to 95% 20 to 95% 21 Metering 20 Communication between EVSE and Central Server(CPO) 21 Metering 22 Interface between charger and CMS 23 Safety Parameters 25 to 95% 26 to 95% 27 to 95% 28 to 95% 29 to 95% 29 to 95% 20 to 95% 21 Metering 20 Communication between EVSE and Central Server(CPO) 21 Metering 22 Interface between charger and CMS 23 Safety Parameters 25 to 95% 26 to 95% 27 to 95% 28 to 95% 29	5	Input frequency	45-65Hz					
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 EvSE and Central Server(CPO) 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,	Environ	mental						
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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) 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,	7	Ambient Humidity	5 to 95%					
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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 5upport 16 Emergency stop switch Support 17 Display 7 Inches Touch Screen with Shell 18 User Authentication Mobile Application or User Interface /QR 19 Metering Information Consumption Units Communication Consumption Units Communication Protocol OCPP 1.6J/OCPI 2.2.1 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,	Mechan	ical						
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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) 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,	•	Output						
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16 Emergency stop switch 17 Display 18 User Authentication 19 Metering Information 20 Communication between EVSE and Central Server(CPO) 21 Metering 22 Interface between charger and CMS 23 Safety Parameters 24 User Authentication 25 Protocol OCPP 1.6J/OCPI 2.2.1 26 Consumption Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	15	Power Factor & THD	≥0.99(50% load above),THD ≤5% (above 50% Load).					
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20 Communication between EVSE and Central Server(CPO) 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,	19	Metering Information	Consumption Units					
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 Interface between charger and CMS Ethernet/3G/4G/WIFI Protection & Safety Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, 	21	` ,						
23 Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	22	Interface between charger and CMS						
23 Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	Protecti	on & Safety						
		•	Current, Surge Protection, Leakage Protection,					

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