

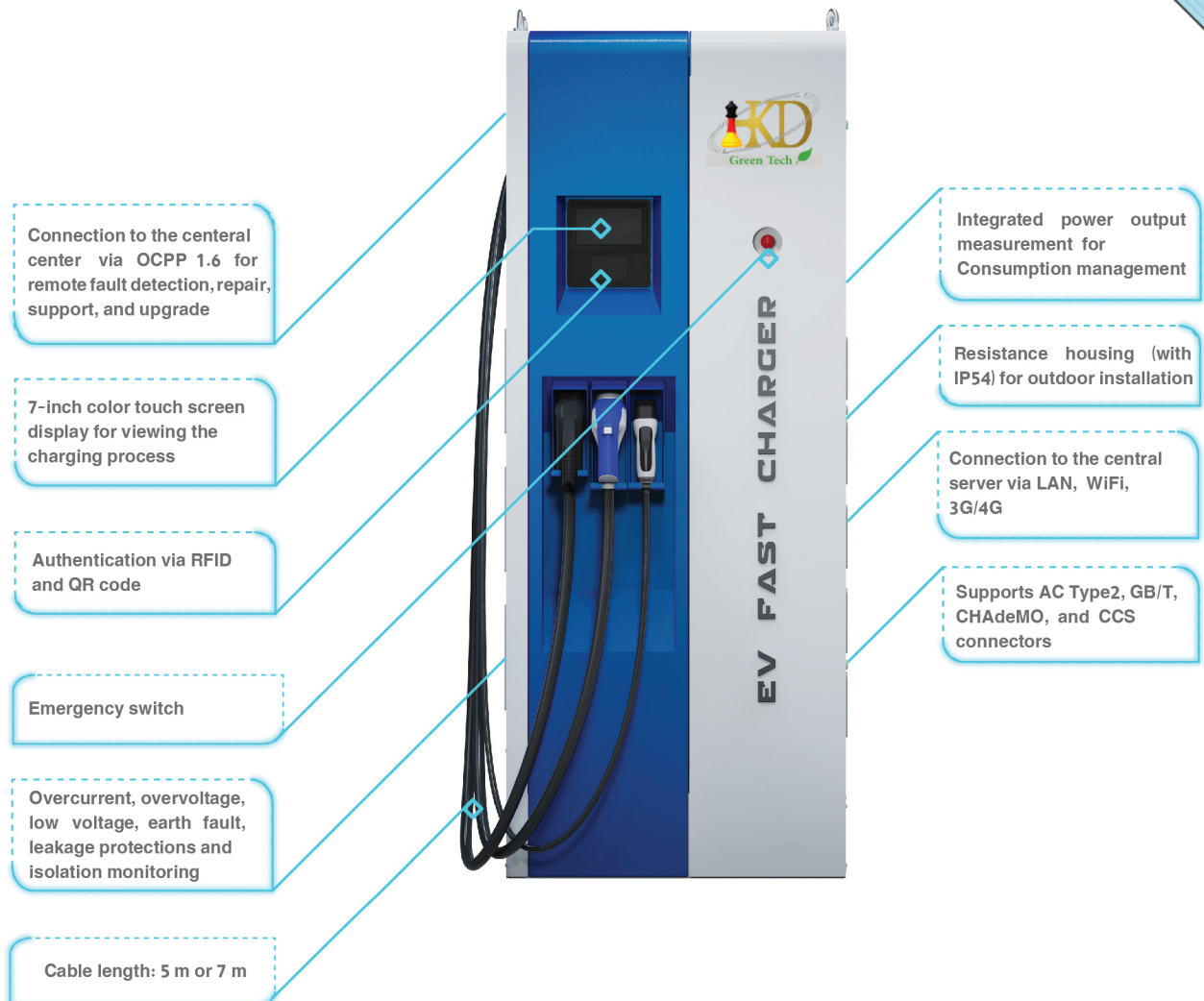
## 50kW DC station charger



**The earth breathes**

## Main Features

50kW DC station charger can be used for a wide range of EV models. These chargers are compact, highly reliable, and installable in different locations, such as charging stations, malls, hotel, etc. These products have unique, flexible, and upgradeable features that provide EV owners with exceptional facilities.



# Advantages of 50kW DC station charger



## High Flexibility

- ◇ Supports different types of connection, such as LAN, WiFi, and 3G/4G, for monitoring purposes
- ◇ Supports different types of connectors
- ◇ Length options 5 m and 7 m cable
- ◇ Authentication via RFID or QR code



## Robust and Reliable

- ◇ Can be used indoors and outdoors
- ◇ Securely designed to prevent cyber attacks
- ◇ Can be used in the absence of internet
- ◇ Equipped with proper electrical protections
- ◇ Resistance housing



## Connected Services

- ◇ Mobile application for control and monitoring the charging process
- ◇ Remote software update
- ◇ Remote charger configuration setting



## Efficient Design

- ◇ Easy charger installation
- ◇ Easy application installation



## Use cases



- ◇ Urban charging stations
- ◇ Highway charging stations



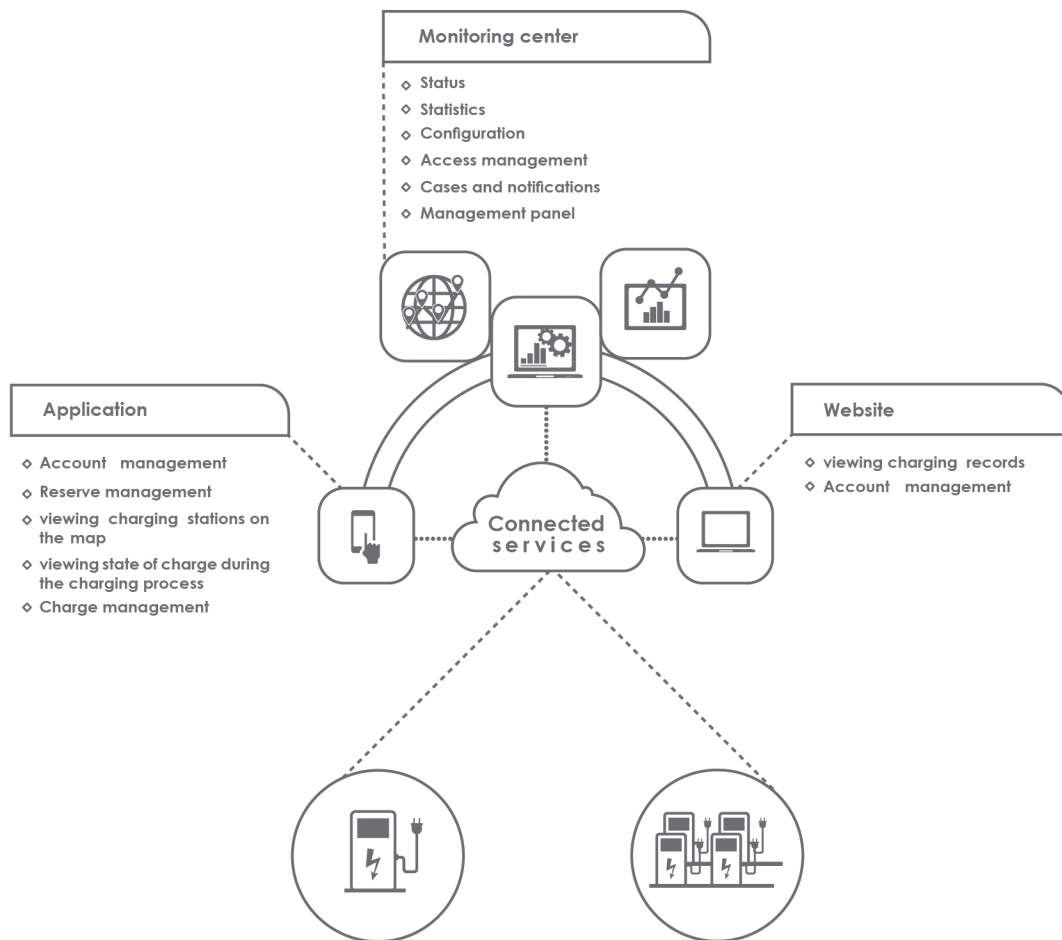
- ◇ Hotels
- ◇ Malls
- ◇ Sport Complexes



- ◇ Companies' and offices' parking spaces

## Technical Specification

Input	
Voltage	(360-420) V AC, three phase
Input specification	3P + N + PE
Maximum current	96 A
Power factor	More than 99%
THD	Less than 5% nominal
Efficiency	94%
Frequency	50-60 Hz
Earthing system	TN-S
Input protection	External circuit breaker (not included)
Output	
Supported standards	IEC61851, GB/T, CHAdeMO 1.2
Nominal power	50 kW
Nominal voltage	150-500 V DC
Number of output	Standard: single output, Optional: dual or triple output
Number of simultaneous charging session	single
Maximum current	125 A
Communication protocol	OCPP 1.6
Display	7" color touchscreen LCD
Language	English
Protections	Current, voltage, leakage current and isolation
Authentication	QR code or RFID
RFID specifications	ISO/IEC 14443A - MIFARE Classic/13.56 MHz
Power measurement accuracy class	Less than 1% at 25°C
Power measurement standards	DL/T 1484-2015-2012, IEC 62053-21, GB/T 29318-2012
Network type	LAN/WiFi/3G/4G
Remote control and configuration via connected services	Authentication, Payment, Monitoring, Remote fault detection and repair
Charging mode	4
Load management	yes
Emergency stop button	yes
Environmental specifications	
Working temperature	-25°C-55°C
Ingress protection	IP 54
Allowable humidity range	5%-90%
Operating altitude	2000 m
Mechanical specifications	
Body material	Metal
Cable model	AC Type 2, GB/T, CHAdeMO, CCS
Cable length	5 m or 7 m
Weight	350 kg
Mounting options	Station
Dimensions	2000 mm * 800 mm * 400 mm (H*D*W)
Certificate and warranty	
Certificate	CE
Warranty	12 months





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