



DC Wallbox Charger

30 kW

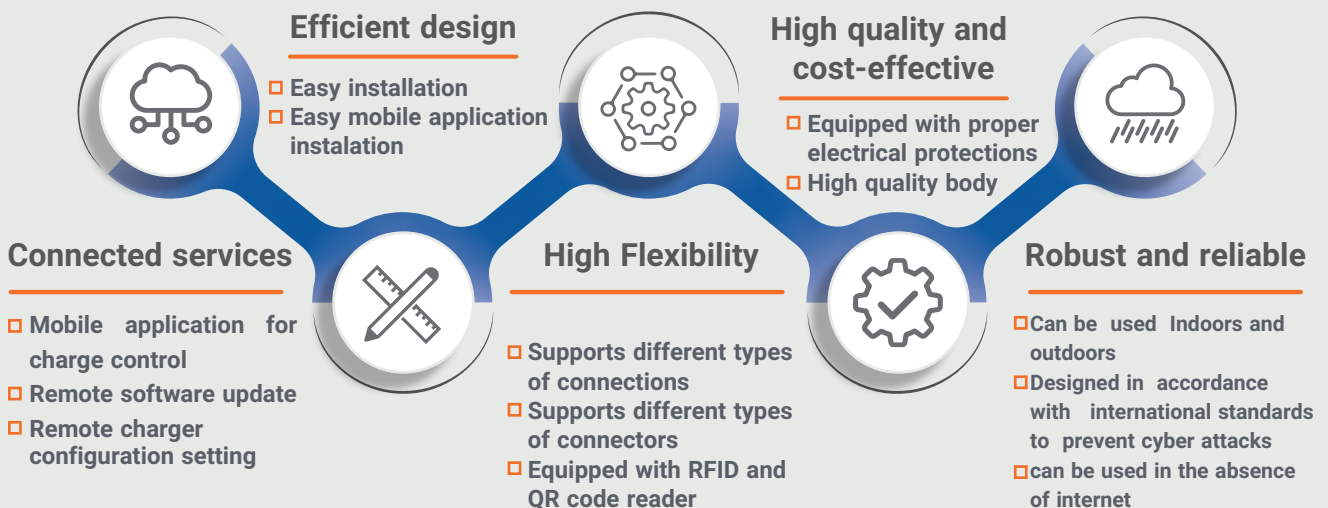


Main Features

HKD 30kW DC wallbox charger can be used for a wide range of EVs. These chargers are compact, highly reliable, and installable in different locations, such as urban environments. These products have unique, flexible, and upgradeable features that provide EV owners with exceptional facilities.



Advantages of DC wallbox 30kW charger



Technical Specification

Input

Voltage	400 V AC, three phase
Input specification	3P + N + PE
Maximum current	50 A
Power factor	More than 99%
THD	Less than 5% nominal
Efficiency	94%
Frequency	50-60 Hz
Cable size	4×16 + 10 (Earth cable)
Earthing system	TN-S

Output

Supported standards	IEC61851-1
Nominal power	30 kW
Nominal voltage	150-500 V DC
Number of output	Standard: single output Optional: dual output
Number of simultaneous charging session	single
Maximum current	100 A
Communication protocol	OCPP 1.6
Display	7" color touchscreen LCD
Language	Persian/English
Protections	Current, voltage, and leakage current
Authentication	QR code and RFID
RFID specifications	ISO/IEC 14443A - MIFARE Classic/13.56 MHz
Power measurement accuracy class	Less than 1% at 25°C
Power measurement standards	IEC 61036/60687, IEC 62053-21, IEC 62053-22
Network type	LAN/WiFi/3G/4G
Remote control and configuration via HKD connected services	Authentication, Payment, Monitoring, Remote fault detection, repair
Charging mode	4
Load management	yes
Emergency stop button type	Push button

Environmental specifications

Working temperature	-25°C-55°C
Ingress protection	IP 54
Allowable humidity range	5%-90%
Operating altitude	2000 m

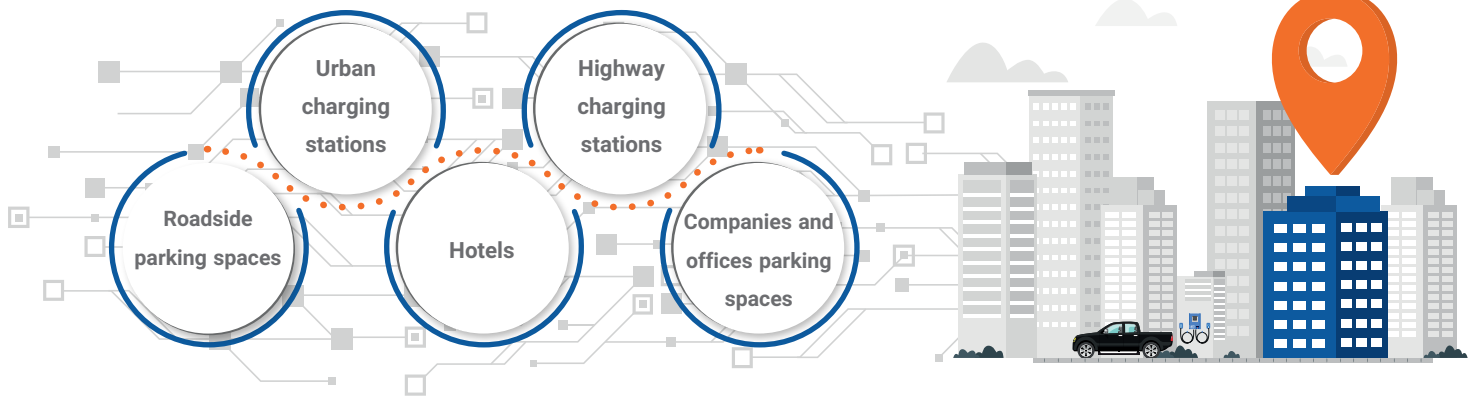
Mechanical specifications

Body material	Metal
Cable model	GB/T, CHAdEMO, or CCS (customizable)
Cable length	5 m or 7 m
Weight	85 kg
Mounting options	wall
Dimensions	750 mm × 555 mm × 300 mm

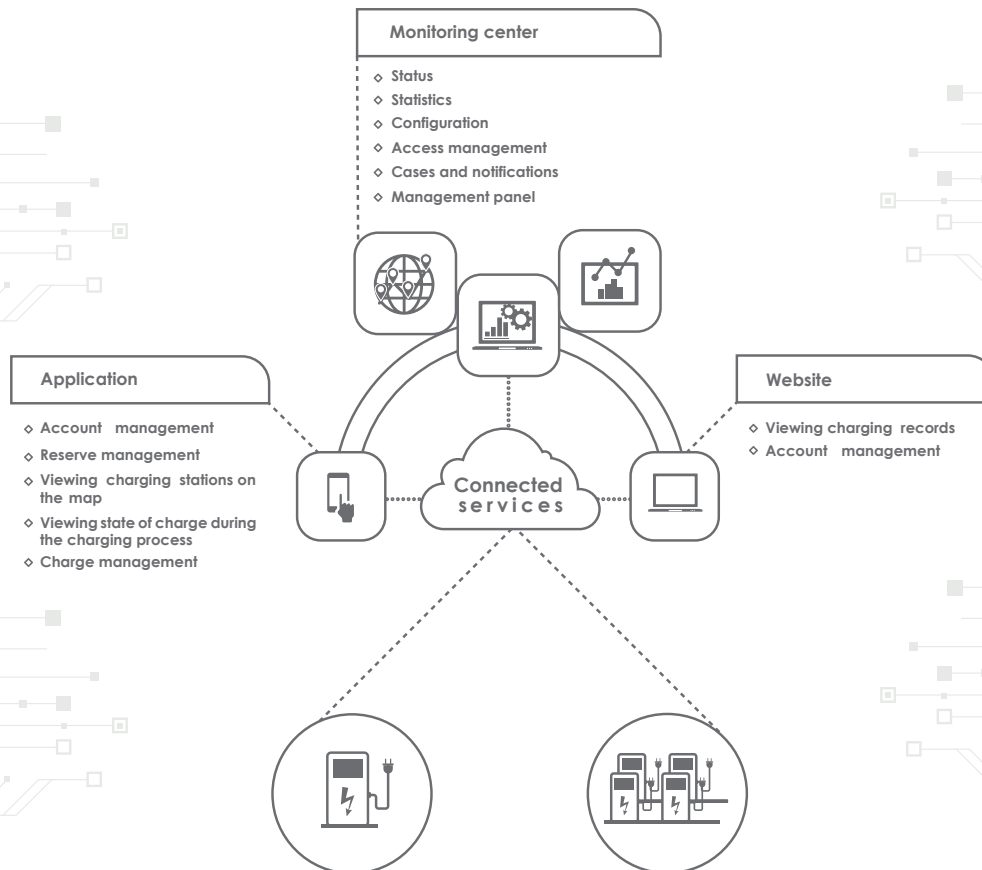
Certificate and warranty


Certificate	CE
Warranty	12 months


Use cases



Connected services



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