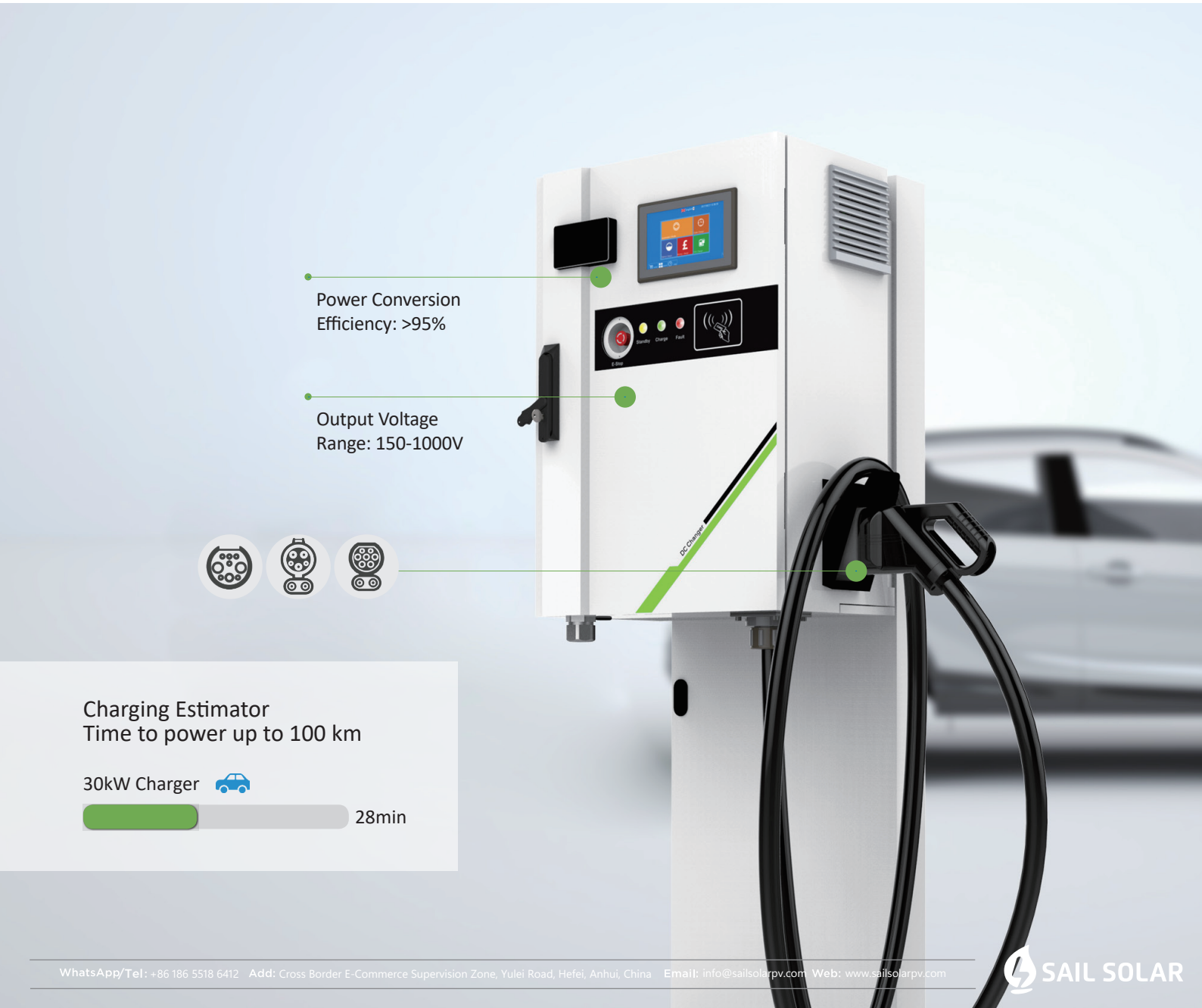
SAIL SOLAR

DC Charger

30kW

Fleet | Highway | Stations

- Charging up to 100A.
- Small footprint, high durability, built to last for 10+ years.
- Futureproof investment supporting current and future EVs with high voltage charging.



Charging Estimator
Time to power up to 100 km

30kW Charger

28min

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Technical Specification

CHARGE POST	
Charging type	DC Charger
OUTLET OPTIONS	
Max DC output power rating	30kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	55A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	100A
Efficiency	> 95% (peak)
Standby power	< 50W
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Communication mode	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese (Customized Language)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de-rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	500mm*339mm*720mm
Weight	≤ 80kg
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 1, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)