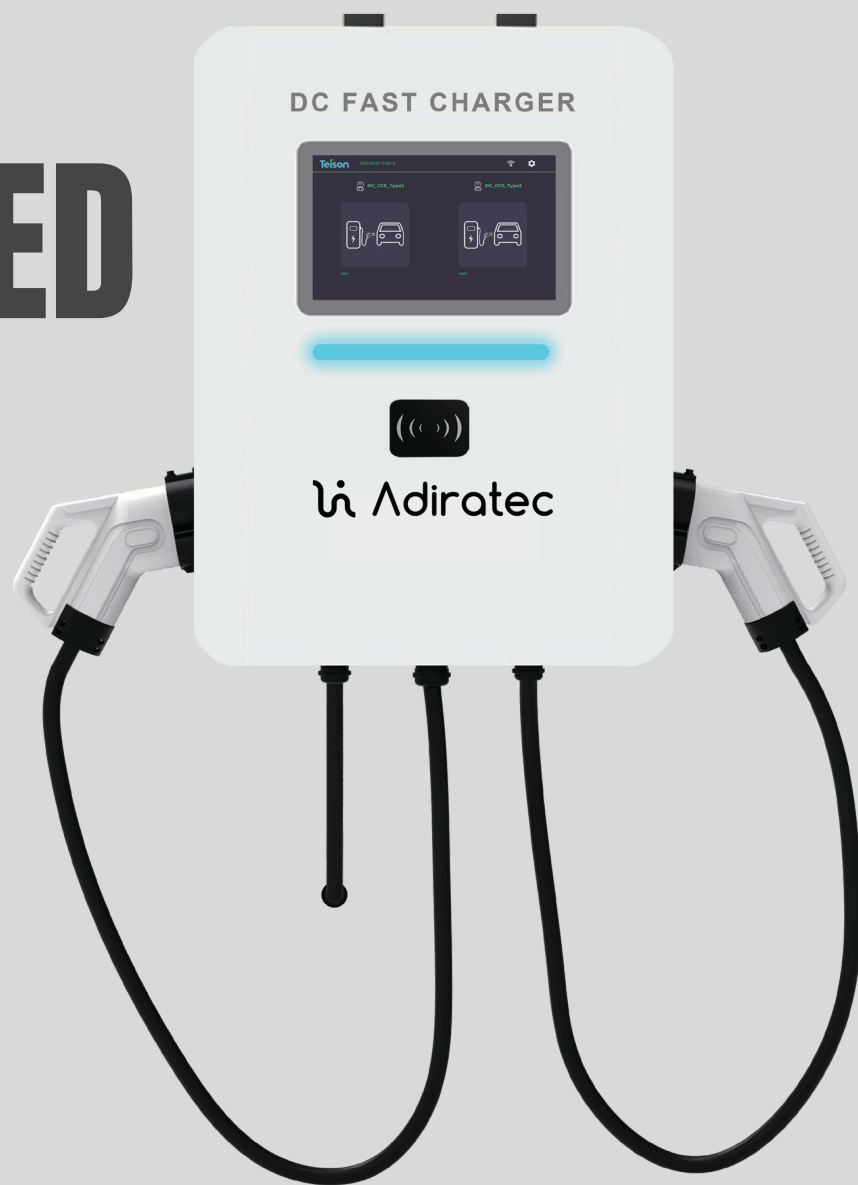


DC Series

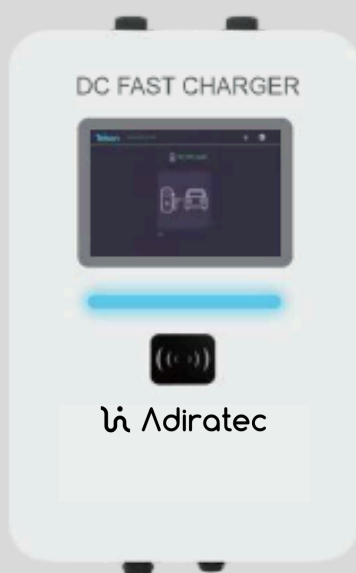
WALL MOUNTED DC CHARGING STATION

20kW/30kW/40kW

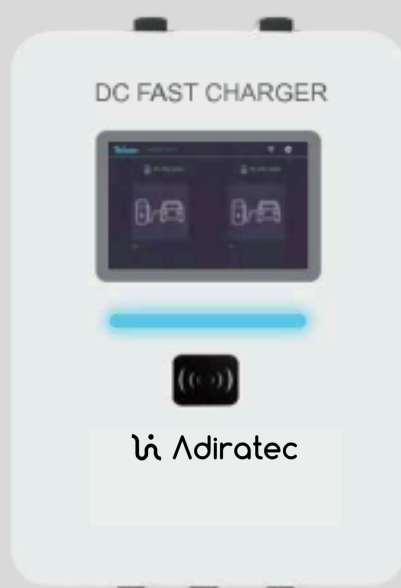
Product catalogue 2024



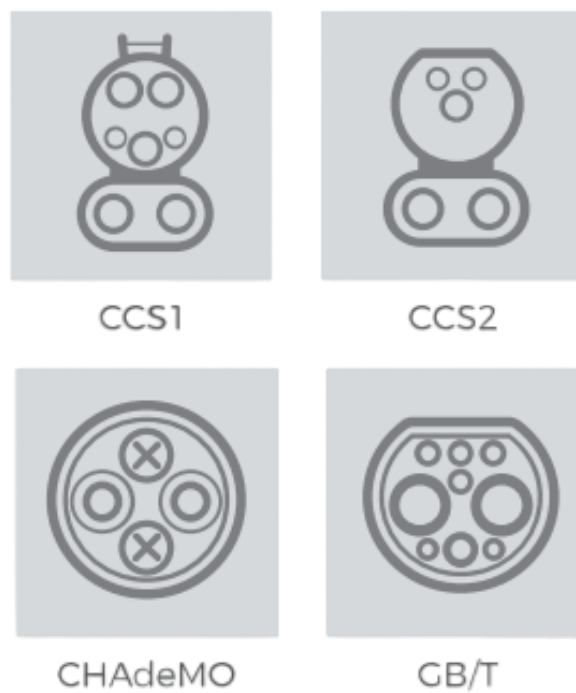
Optional Appearance



20kW / 30kW



40kW



Backstage monitoring Real-time monitoring of the station status












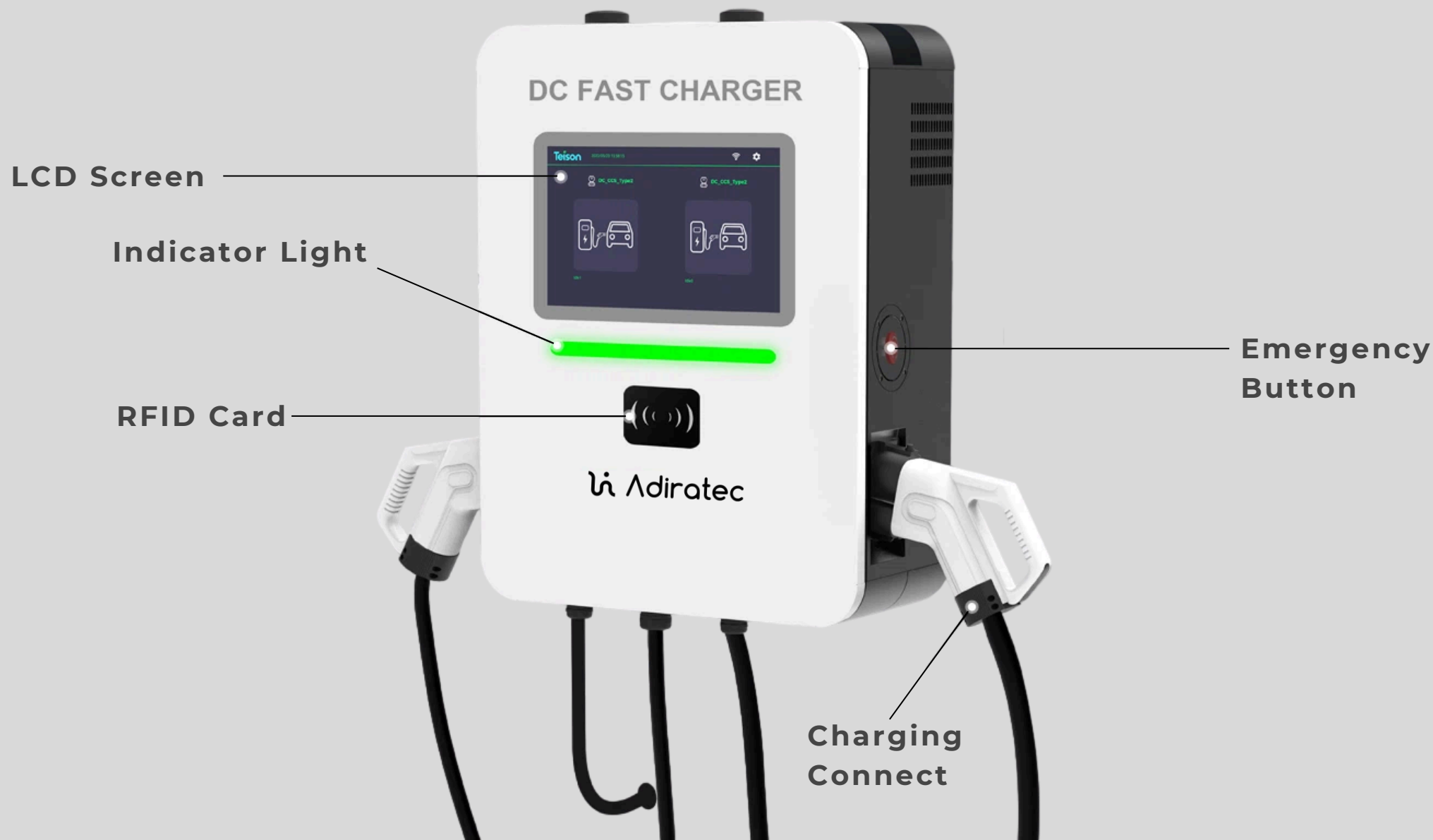
Load balancing More effective connection to the load system

AdiraTec Pty Ltd.

152 Elizabeth Street #04-00, Melbourne, Victoria 3000, Australia

Key Features

-  **Universally applicable** Adapted to most electric vehicle
-  **Safety Protection** Over voltage, Under voltage, Over current, Short circuit, Ground fault and leakage protection
-  **Friendly interface** LCD touch screen, RFID reader
-  **Multi-standard charging port combination** CCS2, CHAdeMO, GB/T, CCS1 can be combined and customized
-  **Intelligent operation** Not only can be operated on Teison OCPP platform, but also compatible with various OCPP platform connections
-  **Various communication** With Ethernet, 3G/4G, WIFI
-  **High inter-connectivity** Fully supports the Open Charge Point Protocol, compatible with all platforms developed based on OCPP protocol
-  **Efficient charging** The power module with high efficiency 95%
-  **High voltage output** Any car-wide voltage ranges from 200v-1000v



AdiraTec Pty Ltd.

152 Elizabeth Street #04-00, Melbourne, Victoria 3000, Australia

Specification				
Model		TS-EDW20-001	TS-EDW30-001	TS-EDW40-001
Electrical Properties				
AC Input	Input Rating	AC380V(±15%) 3ph	AC380V(±15%) 3ph	AC380V(±15%) 3ph
	AC Input Connection	3P+N+PE	3P+N+PE	3P+N+PE
	Rate Input Current	3Φ33A	3Φ50A	3Φ66A
	Frequency	50/60Hz	50/60Hz	50/60Hz
	Power Factor	≥0.99	≥0.99	≥0.99
	Efficiency	≥95%	≥95%	≥95%
DC Output	Output Voltage Range	200V-1000V	200V-1000V	200V-1000V
	Max.Output Current	66A(system)	80A(system)	133A(system)
	Max.Output Power	DC20kW	DC30kW	DC40kW
	Voltage Accuracy	≤±0.5%	≤±0.5%	≤±0.5%
	Current Accuracy	≤±1%	≤±1%	≤±1%
User Interface & Control				
Display		10.1" touch screen		
Screen Material		LCD		
Push Buttons		Operation buttons/Emergency buttons		
User Authentication		RFID,OCPP,QR code>Password,Application		
Support language		English (Other languages available upon request)		
Communication				
External		Ethernet,WIFI,3G/4G		
Internal		CAN,RS485,RS232		
Environmental				
Operating Temperature		-30℃ ~ +50℃		
Humidity		<95% relative humidity, non-condensing		
Altitude		≤2000m(6000 feet)		
Mechanical				
Ingress protection		IP55		
Enclosure Protection		IK10		
Cooling		Air forced		
Installation Method		Wall-mount / Stand-pile		
Protection				
Protection		Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault		
Regulation				
Certificate		CE and CB certificated by TUV Rheinland		
Standard		EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21-2:2021		

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Specification				
Model		TS-EDW20-001	TS-EDW30-001	TS-EDW40-001
Electrical Properties				
AC Input	Input Rating	AC380V(±15%)3ph	AC380V(±15%)3ph	AC380V(±15%)3ph
	AC Input Connection	3P+N+PE	3P+N+PE	3P+N+PE
	Rate Input Current	3φ33A	3φ50A	3φ66A
	Frequency	50/60Hz	50/60Hz	50/60Hz
	Power Factor	≥0.99	≥0.99	≥0.99
	Effeciency	≥95%	≥95%	≥95%
DC Output	Output Voltage Range	150V-1000V	150V-1000V	150V-1000V
	Max Output Current	66A(system)	80A(system)	133A(system)
	Max Output Power	DC20kW	DC30kW	DC40kW
	Voltage Accuracy	≤±0.5%	≤±0.5%	≤±0.5%
	Current Accuracy	≤±1%	≤±1%	≤±1%
User Interface & Control				
Display		10.1"touch screen		
Screen Material		LCD		
Push Buttons		Operation buttons/Emergency buttons		
User Authentication		RFID,OCPP,QR code,Password Application		
Support language		English (Other languages available upon request)		
Communication				
External		Ethernet,WIFI,3G/4G		
Intemal		CAN,RS485,RS232		
Environmental				

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