



Optional appearance



20kW / 30kW



40kW



CCS1



CCS2




CHAdeMO












GB/T

 **Backstage monitoring** Real-time monitoring of the station status

 **Load balancing** More effective connection to the load system

Features

-  **Universally applicable** Adapted to most electric vehicles
-  **Various communication** With Ethernet, 3G/4G, WIFI
-  **Safety Protection** Over voltage, Under voltage, Over current, Short circuit, Ground fault and leakage protection
-  **High inter-connectivity** Fully supports the Open Charge Point Protocol, compatible with all platforms developed based on OCPP protocol
-  **Friendly interface** LCD touch screen, RFID reader
-  **Efficient charging** The power module with high efficiency 95%
-  **Multi-standard charging port combination** CCS2, CHAdeMO, GB/T, CCS1 can be combined and customized
-  **High voltage output** Any car-wide voltage ranges from 150v-1000v
-  **Intelligent operation** Not only can be operated on Teison OCPP platform, but also compatible with various OCPP platform connections



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Email : sales@maron-electronics.gr

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	Φ 3 - 66A
	Frequency	50/60Hz	50/60Hz	50/60Hz
	Power Factor	≥0.99	≥0.99	≥0.99
	Efficiency	≥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		
Internal		CAN,RS485,RS232		
Environmental				
Operating Temperature		-30°C ~ +50°C		
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		
Standard		EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21-2:2021		

