

ATM 6507W, ATM 6511W, ATM 6521W IP65, 7kw-21kw AC EV charger

- In-house developed OPCC controller
- Passed rigorous environmental and thermal shock tests from -35°C to 55°C to ensure the system reliability
- Each charging mode with dedicated LED status indicator light (easy and intuitive charging experience)
- Multilingual support for 4.3" colored touch LCD
- Adapting OCPP network security protocol to implement the OTA feature
- Passed cloud network protocol test and was verified by OCTT
- The Linux 5.10 OS and CPU conformed with cybersecurity standards
- Third-party certificated CE EN61851, RCD EN62955 and MID EN50470 certification



Specification

MODEL	ATM 6507W-EU		ATM 6511W-EU	ATM 6521W-EU
Charging Type	Charging Mode 3 Case C, Optional: Case B			
Outlet Options	AC Type 2 (IEC 62196-2)			
Input/Output Current rating	32A ,Single phase	16A, three phase		32A, three phase
Input/Output Power rating	Up to 7.4 kW	Up to 11 kW		Up to 23 kW
Input/ouput voltage	220/230/240 VAC	380/400/415 VAC		380/400/415 VAC
Input Frequency	50 Hz or 60 Hz			
Number of EV Served	Up to 1			
Cable Length	5.0 m, Optional: 7.6 m			
Distribution Systems	TT, TN , Split-phase			
Connector Type	1P + N + PE	3P + N + PE		3P + N + PE
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection			
Overvoltage Category	Type III			
Energy Metering	Revenue grade energy meter			
Cellular Communication	GSM, 4G, LTE			
USER IN INTERFACE				
Connectivity	Ethernet (RJ45), Optional: 4G / 3G or WiFi			
User Authentication	RFID (Optional)			
User Interface	4.3" touchscreen LCD, Optional: 5" touchscreen			
Status indication	3 indicators			
Communiation Protocols	Proprietary and OCPP 1.6J (Optional)			
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader			
Emergency Button	Yes			
CONFIGURATION				
Software Upgrade	OTA (Over the air)			
Language System	English, Chinese			
GENERAL CHARACTERISTICS				
Protection Rating	IP65 and IK10 (cabinet) / IK8 (touchscreen)			
Housing Material	Standard: SGCC, Optional: SUS430			
Operating Altitude	Up to 2000 m			
Operating Temperature	-35 °C to +55 °C			
Storage Temperature	-40 °C to +80 °C			
Humidity	< 95%, non-condensing			
Mounting	Wall-mount or pedestal stand (Cable can be wrapped around the hanger)			
Dimensions (D x W x H) mm	150 x 280 x 400	240 x 360 x 600		240 x 360 x 600
Net Weight (kgs)	12.5	33		45
COMPLIANCE STANDARDS				
Codes & Standards	IEC 61851-21-2, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61000-3-11, EN 61000-3-12, IEC 61008-1, IEC 61008-2-1, EN 62423, IEC 62196-1, IEC 62196-2			
Safety Standards	IEC/EN 61851-1, EN 62311, EN 62479, IEC/EN 62955			

Product specifications are subject to change without further notice

Ordering Information

Part Number	Scenarios	Max. charging power	Housing material	No. of chargers	Network interface	OCPP
ATM 6507W-EUHA1W	Private charging	7 kW	Metal A class	1	WiFi	No
ATM 6511W-EUHA1W	Private charging	11 kW	Metal A class	1	WiFi	No
ATM 6521W-EUHA1W	Private charging	21 kW	Metal A class	1	WiFi	No
ATM 6521W-EUBA14GOCPP	Public operation	21 kW	Metal A class	1	4G	Yes

ATM 6507W, ATM 6511W, ATM 6521W IP54, 7kw-21kw AC EV charger

- In-house developed OPCC controller
- Passed rigorous environmental and thermal shock tests from -35°C to 55°C to ensure the system reliability
- Each charging mode with dedicated LED status indicator light (easy and intuitive charging experience)
- Multilingual support for 5" colored touch LCD
- Adapting OCPP network security protocol to implement the OTA feature
- Passed cloud network protocol test and was verified by OCTT
- The Linux 5.10 OS and CPU conformed with cybersecurity standards
- Third-party certificated CE EN61851, RCD EN62955 and MID EN50470 certification



Specification

MODEL	ATM 6507W-US		ATM 6511W-US	ATM 6521W-US
Charging Type	Charging Mode 3 Case C, level 2			
Outlet Options	AC Type 1 (SAE J1772)			
Input/Output Current rating	32A ,Single phase	48A, single phase		80A, single phase
Input/Output Power rating	7.7 kW	11.5 kW		19.2 kW
Input/ouput voltage	208~240 VACC	208~240 VAC		208~240 VAC
Input Frequency	50 Hz or 60 Hz			
Number of EV Served	Up to 1			
Cable Length	5.0 m, Optional: 7.6 m			
Distribution Systems	TT, TN			
Connector Type	L1 + L2 + PE			
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection			
Overvoltage Category	Type III			
Energy Metering	Revenue grade energy meter			
Cellular Communication	GSM, 4G, LTE			
USER IN INTERFACE				
Connectivity	Ethernet (RJ45), Optional: 4G / 3G or WiFi			
User Authentication	RFID (Optional)			
User Interface	4.3" touchscreen LCD, Optional: 5" touchscreen			
Status indication	3 indicators			
Communiation Protocols	Proprietary and OCPP 1.6J (Optional)			
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader			
Emergency Button	Yes			
CONFIGURATION				
Software Upgrade	OTA (Over the air)			
Language System	English, Chinese			
GENERAL CHARACTERISTICS				
Protection Rating	IP54 and IK10 (cabinet) / IK8 (touchscreen)			
Housing Material	Standard: SGCC, Optional: SUS430			
Operating Altitude	Up to 2000 m			
Operating Temperature	-35 °C to +55 °C			
Storage Temperature	-40 °C to +80 °C			
Humidity	< 95%, non-condensing			
Mounting	Wall or floor using a pedestal (Cable can be wrapped around the hanger)			
Dimensions (D x W x H) mm	150 x 280 x 400	240 x 360 x 600		240 x 360 x 600
Net Weight (kgs)	12.5	33		45
COMPLIANCE STANDARDS				
Codes & Standards	IEC 60068-2-11, NEMA 3R, AC156, ISTA-3A and ISTA-3B FCC Part 15 Class B, ENERGY STAR			
Safety Standards	UL 2594, UL 2231-1, UL 2231-2, UL 1998, UL 991, CSA C22.2 No. 280-16, CSA C22.2 No. 281.1-12, CSA C22.2 No. 281.2-12			

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Ordering Information

Part Number	Scenarios	Max. charging power	Housing material	No. of chargers	Network interface	OCPP
ATM 6507W-USHA1W	Private charging	7 kW	Metal A class	1	WiFi	No
ATM 6511W-USHA1W	Private charging	11 kW	Metal A class	1	WiFi	No
ATM 6521W-USHA1W	Private charging	21 kW	Metal A class	1	WiFi	No
ATM 6521W-USBA14GOCPP	Public operation	21 kW	Metal A class	1	4G	Yes