LEAFLET

EV Charging Infrastructure

EVinn TA 7kW / 21kW AC Charger

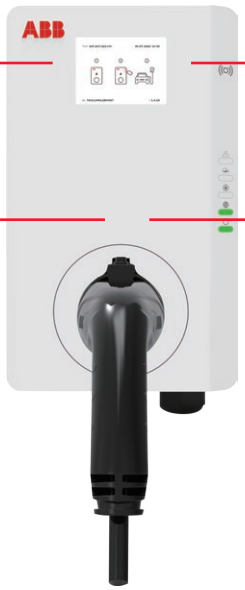
Relying on the trust of top international customers, ABB has provided a full range of EV charging products to the world, including home charging and super charging products. Adhering to ABB's E-mobility leadership style and its 130-year innovative gene, EVinn TA has provided a perfect AC charging solution for the parking facilities of public buildings, businesses, parks and houses.

Advanced and flexible
- Intelligent charging and full configuration
- Load management to resolve the problem of insufficient power distribution
- 21kW to meet the future demand for high-power AC charging
- On-demand configuration and remote upgrade

Notably awesome safety and full protection
- International-level safety, DC component leakage protection
- Overvoltage and undervoltage protection, and current limiting protection to prevent tripping and avoid overload
- Earthing continuity detection to ensure effective grounding

Excellent quality and high value
- Humanized design, automotive-grade process and materials
- Rich connection options and unique data security
- Compact and easy-to-install design

Load management and orderly charging
- Dynamic capacity input
- Static power distribution setting
- Cloud balance strategy
- Integration with smart building energy management systems



Simple and durable
- A4 paper size, stylish and elegant
- Single-phase 7kW 32A
- Three-phase 21kW 32A
- Double-layer shell, IP65

Absolute safety protection
- Overcurrent protection
- Overvoltage and undervoltage protection
- Grounding monitoring
- Lightning protection
- 30mA AC/6mA DC leakage protection

Abundant and secure connections
- 4G, LAN,Wi-Fi, Bluetooth, RS485
- OCPP1.6 protocol
- Operating platform, APP applet
- Dual Ethernet ports for daisy-chain networking
- TPM encryption chip in the pile
- Certificate authentication with digital signature
- SSL/TLS transmission encryption

Specifications		EVinn TA 7kW Ultimate	EVinn TA 7kW Operating	EVinn TA 7kW Basic	EVinn TA 21kW Ultimate	EVinn TA 21kW Operating	EVinn TA 21kW Basic
Basic parameter	Model	EVinnTA-GB-W7-Z5-3BR-BMCEW	EVinnTA-GB-W7-Z5-BR-AMC	EVinnTA-GB-W7-Z5-BR-A	EVinnTA-GB-W21-Z5-3BR-BMCEW	EVinnTA-GB-W21-Z5-BR-AMC	EVinnTA-GB-W21-Z5-BR-A
	Scenarios	High-end public operation	Public operation	Private charging	High-end public operation	Public operation	Private charging
	Maximum charging power	7 kW	7 kW	7 kW	21 kW	21 kW	21 kW
	Number of chargers	1	1	1	1	1	1
	Length of charger wire	5 m	5 m	5 m	5 m	5 m	5 m
AC input	Input voltage	220V ±20% VAC	220V ±20% VAC	220V ±20% VAC	380V ±20% VAC	380V ±20% VAC	380V ±20% VAC
	Input frequency	45~65 Hz	45~65 Hz	45~65 Hz	45~65 Hz	45~65 Hz	45~65 Hz
	Input wiring	Single-phase, P+N+PE	Single-phase, P+N+PE	Single-phase, P+N+PE	Three-phase, 3P+N+PE	Three-phase, 3P+N+PE	Three-phase, 3P+N+PE
	Wiring mode	Bottom inlet	Bottom inlet	Bottom inlet	Bottom inlet	Bottom inlet	Bottom inlet
AC output	Output voltage	220V ±20% VAC	220V ±20% VAC	220V ±20% VAC	380V ±20% VAC	380V ±20% VAC	380V ±20% VAC
	Output current	32A	32A	32A	32A	32A	32A
	Standby power consumption	5.7W	5.7W	5.7W	6.5W	6.5W	6.5W
	Electric energy metering	Metering chip	Metering chip	/	Metering chip	Metering chip	/
	Metering accuracy	Class 1	Class 1	/	Class 1	Class 1	/
Interaction function	Network interface	SIM 4G + RJ45 Dual Ethernet ports	SIM 4G	/	SIM 4G + RJ45 Dual Ethernet ports	SIM 4G	/
	Recommended startup	Scanning	Scanning	Swiping	Scanning	Scanning	Swiping
	Swiping	Optional	Optional	Available	Optional	Optional	Available
	Bluetooth	Available	Available	Available	Available	Available	Available
	Screen display	3.5“	/	/	3.5“	/	/
	Status indicator	LED lamp	LED lamp	LED lamp	LED lamp	LED lamp	LED lamp
System safety	Leakage protection	AC 30 mA + DC 6 mA	AC 30 mA	AC 30 mA	AC 30 mA + DC 6 mA	AC 30 mA	AC 30 mA
	Grounding protection	TT					
	Safety protection	Emergency stop protection, leakage protection, lightning protection, overheating protection, grounding protection, short circuit protection, overload protection, overvoltage protection, surge protection, undervoltage protection					
	Safety standards	GB/T 18487.1-2015, GB/T 20234.1-2015, GB/T 20234.2-2015, GB/T 34637.1-2017, NB/T 33008.1-2018, NB/T 33002-2018					
	Protection class	IP65					
External structure	Special protection	Double-layer front cover, anti-UV design					
	Body strength	IK08					
	Overall dimensions	195mm*110mm*320m					
	Weight	~3.5kg					
	Body material	Automotive-grade new plastic					
	Cooling mode	Natural					
	Mounting mode	Wall-mounted / floor-standing (brackets to be purchased)					
Environmental index	Working temperature	-30℃ to +55℃					
	Ambient humidity	5% to 95%					
	Altitude	<2000 m					
	Application site	Outdoor / indoor					
Options	Floor stand	EVinnTA-PLA / EVinnTA-PLB					

ABB China Customer Service Hot Line
Tel: 800-820-9696 / 400-820-9696
Email: cn-ep-hotline@abb.com

ABB official website

www.abb.com.cn

9AKK107992A2492_EN_REV A 02-2022
XM-VS