1. About This Guide

This guide applies to both socket and cable versions of **Anker SOLIX V1 Smart EV Charger**. This guide will walk you through the steps to learn, install, and use your EV charger.

2. Unboxing

2.1 Check Before Installation

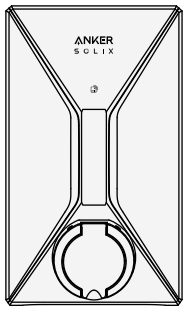
Inspect the Outer Packaging

Before unpacking the equipment, check the outer packaging for damage, such as holes and cracks, and review the equipment model number. If any damage is found or the model is not what you requested, do not unpack the equipment and contact Anker customer service as soon as possible.

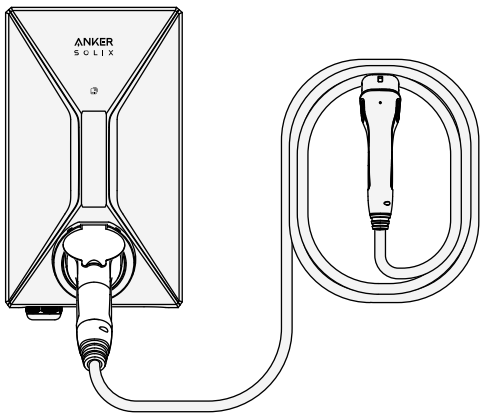
Verify Contents

After unpacking the equipment, check that the contents are intact and complete, and free from any obvious damage. If any item is missing or damaged, contact Anker customer service.

2.2 In the EV Charger Box

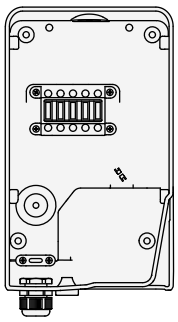


Socket Version

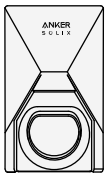


Cable Version

Charger Body



Wire Box



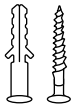
EV Charger Holster



RFID Card ×1



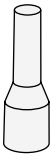
Expansion Screw
(M5 40 mm) ×4



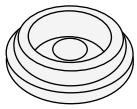
Expansion Screw
(M6 50 mm) ×5



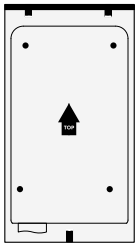
Screw (M5 12 mm) ×6



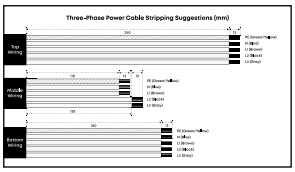
Tube Terminal ×6
(For 6 mm² Conductor)



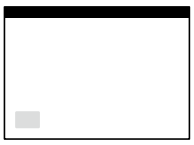
Cable Seal
(For 25.3 mm Cable Entry Hole)



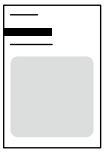
Positioning Card



Power Cable Stripping
Suggestions



Quick Start Guide
(With Bluetooth
Passkey Sticker)



Warranty and Safety
Information

2.3 Optional Accessories

The following accessories can be ordered separately.



Anker SOLIX Smart Meter

Install the smart meter to your system to enable load balancing and solar charging modes.



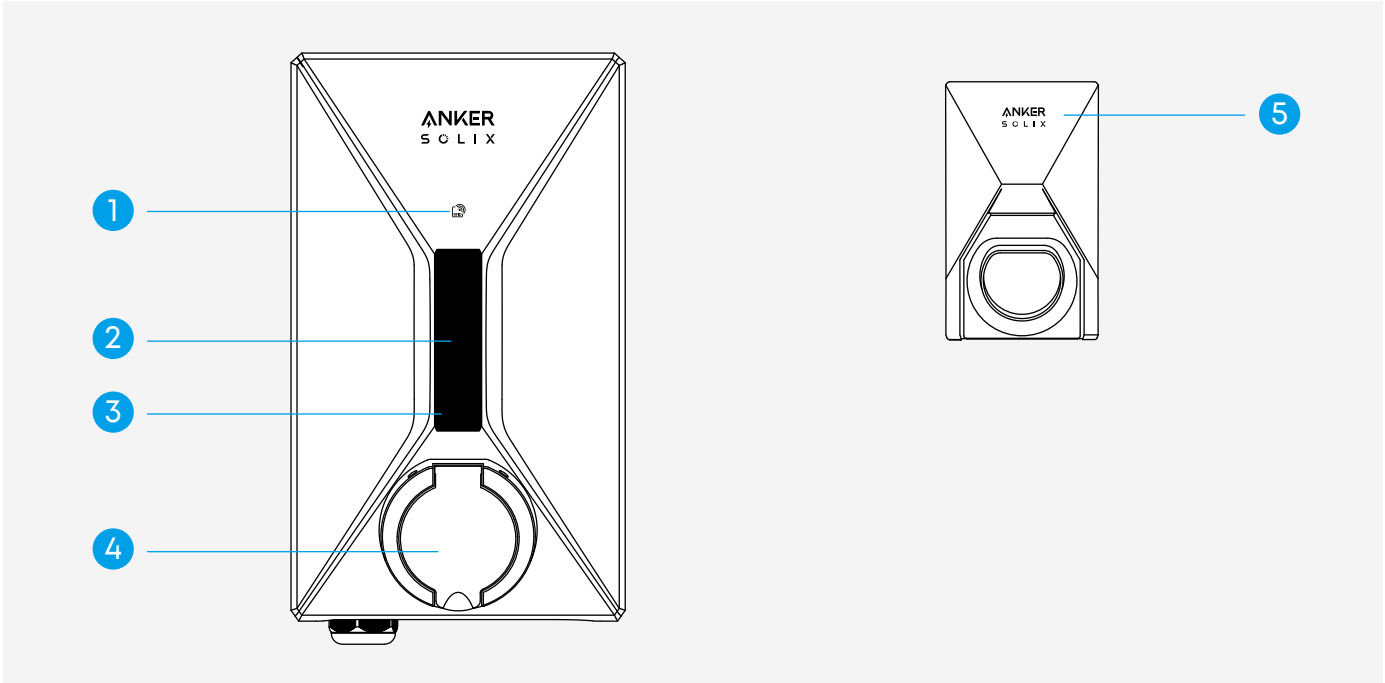
Anker SOLIX EV Charger RFID Card

The EV charger supports up to ten individual RFID cards. This enables multiple users to access and operate the EV charger with their own cards.

3. Product Overview

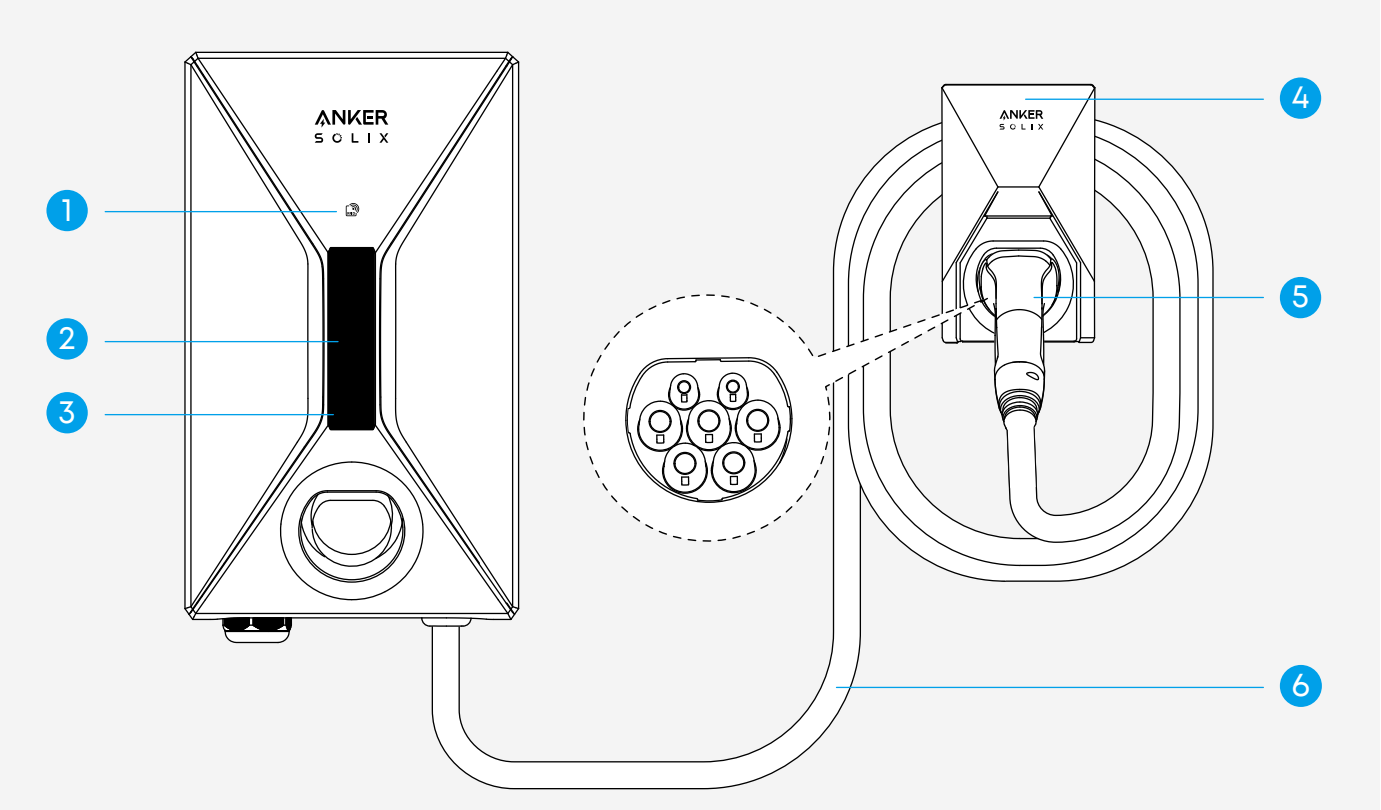
3.1 External Appearance

Socket Version



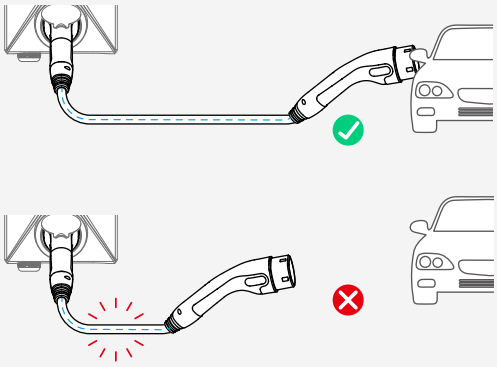
1. RFID Reader
2. Light Bar
3. Smart Touch Area
4. Type 2 Socket
5. EV Charger Holster

Cable Version



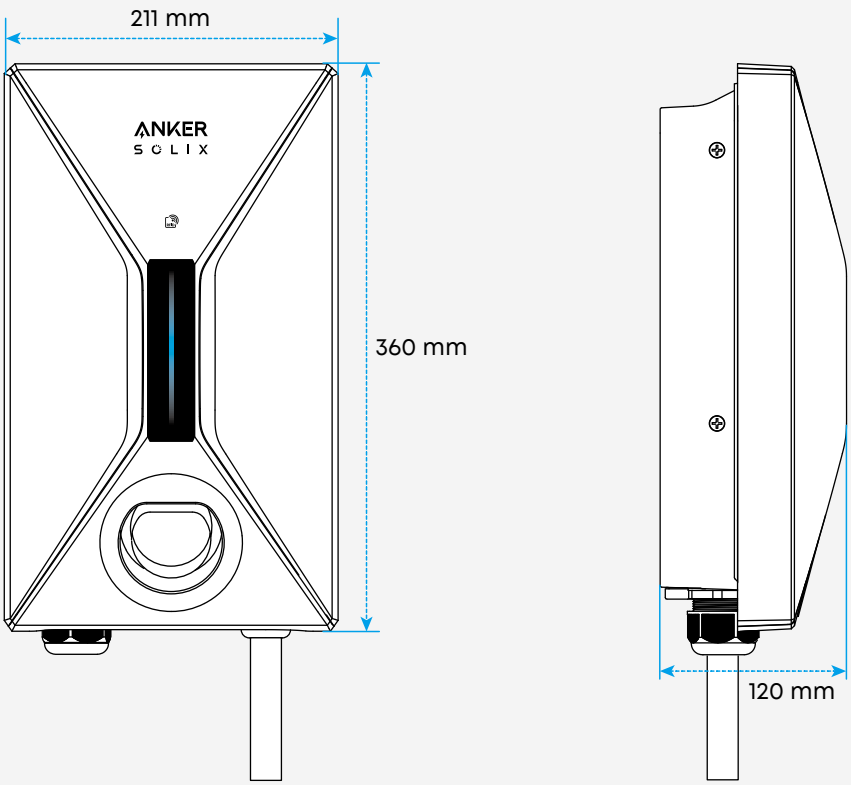
1. RFID Reader
2. Light Bar
3. Smart Touch Area
4. EV Charger Holster
5. Type 2 Connector
6. Charging Cable
   - AU Model: 7 m
   - UK / EU Model: 5 m

Ensure the connector reaches the charger port.



Equipment Dimensions

Cable Version



Cable Versions			
Model	**A5191GZ7**	**A5191GZ3**	**A5191TZ2**
Connector Type	Type 2 Cable (5 m)	Type 2 Cable (5 m)	Type 2 Cable (7 m)
Rated Power	11kW	22kW	22kW
Nominal Voltage	400V ±20% (3P+N+PE)	400V ±20% (3P+N+PE)	400V ±20% (3P+N+PE)
Nominal Current	16A	32A	32A
Standby Self-Consumption	< 6.5W	< 65W	< 6.5W
Weight	4.95 kg	4.95 kg	5.88 kg
Conductor Cross-Sectional Area	5 × 2.5 mm^2	5 × 6 mm^2	5 × 6 mm^2
IP Rating	IP65	IP65	IP65
Dimensions (W × H × D)	211 × 360 × 120 mm		

9.2 Common Specifications

The specifications below apply to all models.

Input and Output	
Nominal Frequency	50 Hz
Vehicle Connection	Type 2
Supported Earthing Scheme	TN, TT
Connectivity	
Protocol	OCPP 1.6J
Communication	Wi-Fi, Ethernet, Bluetooth, RS485
Authorization Methods	RFID, App, Bluetooth
User Interface	
Status Indication	RGB LED and App
Working Mode	Auto-Start, Normal Schedule, Smart Charging
Charging Mode	Solar Only Mode, Solar and Grid Mode
Load Balance Mode	Compatible with Anker SOLIX Smart Meter, Shelly Smart Meter Pro 3EM, and Shelly Smart Meter 3EM
Protection	
Residual Current Detection	DC 6mA
Residual Current Device (RCD)	External RCD Type A (30mA) Required (In Accordance with Local Regulations)
Flammability Standard	UL94
Overcurrent Protection	Yes
Over-Temperature Protection	Yes
Others	
Operating Temperature	-30°C to 50°C
Application Environment	Outdoor / Indoor

Relative Humidity	5% to 95% RH (Non-Condensing)
Operating Altitude	2,000 m
Mounting Option	Concrete / Wooden Walls
Impact Protection Level	IK10
Noise	30 dB
Warranty	3 Years Limited
Product Lifespan	8 Years
Certification and Compliance	
Safety and Health	IEC 61851-21-2:2018/5.1
Electromagnetic Compatibility (EMC)	IEC 61000-4-3:2006, IEC 61000-4-3:2006/AMD1:2007, IEC 61000-4-3:2006/AMD2:2010, EN 301489-17 V3.2.4:2020, EN 301489-1 V2.2.3:2019
Chemical	RoHS, REACH

Network Configuration Instructions

Bluetooth Low Energy (BLE) Status: When the equipment is not yet connected to a network, it will automatically enable BLE broadcasting and activate BLE services to provide Bluetooth network configuration capabilities.

Note: During the BLE configuration process, ensure your network environment is stable and follow the instructions to complete the setup.

Port 5353

The primary function of port 5353 (TCP/UDP 5353) in a network is to implement the mDNS protocol for mutual discovery between devices on the local area network (LAN).

Application Scenarios: Multi-device linkage, self-consumption scenarios, and energy scheduling strategies in the LAN.

Access the device via hostname.local on the same local area network without traditional DNS configuration.

mDNS Protocol Characteristics: Using UDP protocol, port 5353 is its standard port, compatible with the standard DNS query format.

Radio	Feature	Operating Spectrum/Power	
IEE 802.11-2.4 GHz	b/g/n Adaptive	2400 MHz to 2483.5 MHz	≤20.0 dBm
BLE	GFSK 1 Mbps, 2 Mbps	2402 MHz to 2480 MHz	6.65 dBm
RFID	3~10 cm (1~4 inch), 1 Kbit	13.56 MHz	