



EV CHARGER USER MANUAL

7kW SINGLE PHASE | 22kW THREE PHASE



SEVR

EV CHARGING SOLUTIONS
SEVR.AU

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HOW TO START CHARGING IN 30 SECONDS



QUICK START GUIDE

READY



Unit is in standby mode and ready for use (waiting)

PLUG IN



Insert Type 2 connector firmly into vehicle charging port

COUNTING DOWN



Flashing blue delay timer is active and counting down. Charging will begin once the timer has elapsed

CHARGING



Charging stops automatically when full

SEE PAGE 7 FOR **DELAYED START CHARGING**
SEE PAGE 8 FOR **LED LIGHT RING STATUS CODE**



CRITICAL WARNINGS: HIGH VOLTAGE

ELECTRICAL SAFETY

High Voltage

Do NOT touch exposed parts when powered

Repairs

Do NOT attempt repairs. Call SEVR or your installer

MOISTURE & WATER

Charging

Do NOT charge if the plug or socket is wet dry both first

Exposure

Water-resistant only. Do NOT immerse or charge in heavy rain

STORAGE

Environment

Store in dry conditions; humidity damages the unit

KEY SPECIFICATIONS

SEVR ESeries are intelligent AC EV chargers for Australian homes and small businesses. Real-time monitoring, adjustable charging, and scheduled charging for off-peak rates.

SPECIFICATION	ESeries 7KW SINGLE-PHASE	ESeries 22KW THREE-PHASE
Power Output	7 kW	22 kW
Supply Voltage	110-240V AC single-phase	380V AC three-phase
Max Current	32A	
Operating Temp	-30°C to +50°C	
Cable Length	0.5m Input cable + 4.2m AC Type2 cable	
Weight	4kg	4.5kg

INSTALLATION GUIDE

IMPORTANT WARNING

Installation must be carried out by a licensed electrician per AS/NZS 3000. Do not attempt DIY installation.

STEP 1 - CHOOSE LOCATION - Select a wall location that:



Is 1.3 to 1.4 metres from ground (eye level)



Has power access within 10 metres



Is not prone to water pooling

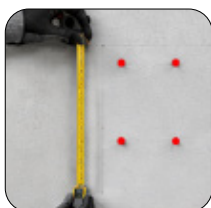


Is away from heat sources and flammable materials



Has good ventilation

STEP 2 - MOUNT CONTROL BOX - Four simple actions:



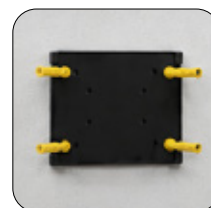
Mark

4 holes at a height of 1.3–1.4m



Drill

4 holes to a depth of under 60mm



Insert

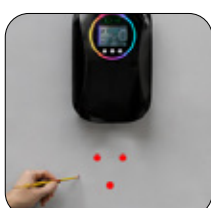
Hammer in anchors and screw the plate to the wall



Mount

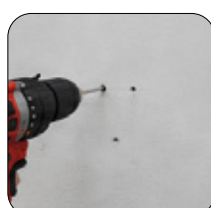
Snap the charger onto the plate and tighten the side screws

STEP 3 - CABLE HANGER (OPTIONAL) - Install the cable storage hook below the charger:



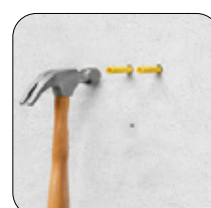
Measure

Mark 3 holes below charger



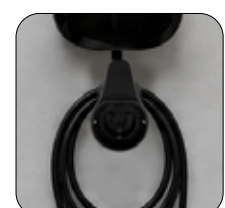
Drill

3 x 6mm holes



Insert

Wall anchors



Mount

Screw hook into place

ELECTRICAL INSTALLATION



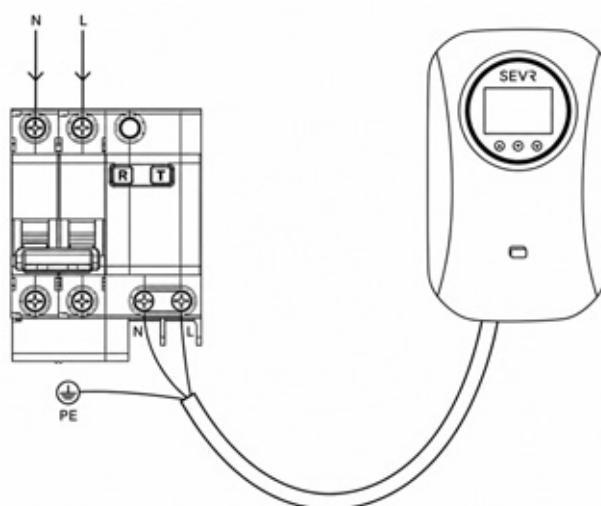
ELECTRICAL INSTALLATION (REFERENCE FOR YOUR ELECTRICIAN)

Your licensed electrician will carry out installation . This is reference information only.

SESERIES 7 7KW - SINGLE-PHASE - 32A

⚡ SUPPLY SPECIFICATIONS

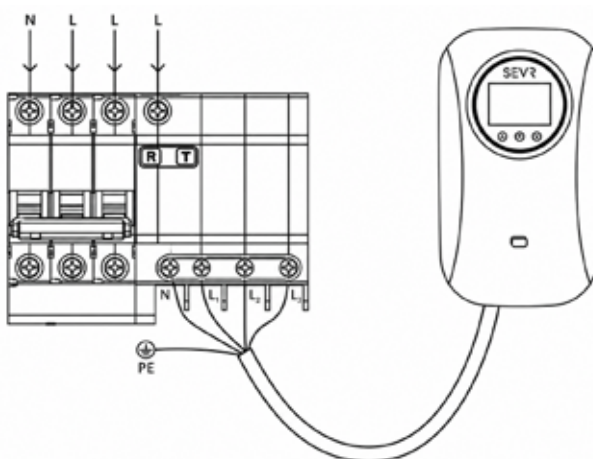
~	Supply Voltage:	240V AC +/- 6%
A	Current:	32A AC
⚡	Protection:	40A Type A RCBO
🔌	Cable:	3 x 6mm ² copper or 3 x 10mm ²



SESERIES 22 22KW - THREE-PHASE - 32A

⚡ SUPPLY SPECIFICATIONS

~	Supply Voltage:	400V AC +/- 10%
A	Current:	32A AC
⚡	Protection:	3-pole 40A Type A RCBO
🔌	Cable:	5 x 6mm ² copper larger as required



USING YOUR EV CHARGER



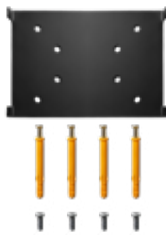
WHAT'S IN THE BOX



E Series
EV Charger



4.2m Tethered
Charging Cable



Mounting
Hardware Kit



Mounting
Bracket Kit



0.5M Input Cable to Suit
Single Phase (7kW model)



0.5M Input Cable to Suit
Three Phase (22kW model)

UNDERSTANDING THE DISPLAY & CONTROLS

Using the Square and Navigation keys (up/down), users can adjust the charging current and configure scheduled charging. This product supports the following settings:

Single-phase (7 kW): Adjustable charging current from 8A to 32A

Three-phase (22 kW): Adjustable charging current from 8A to 32A

A delayed charging time can be set from 0 to 24 hours using 30 minute increments only.

Users must ensure that the selected charging current does not exceed the capacity of the installed supply circuit and associated electrical equipment.



ARROW UP
Increment



ARROW DOWN
Decrement



SQUARE
Confirm

Please note that there may be version differences in the content on the display screen. The above pictures are for reference only.

ADVANCED SETTINGS

DELAYED START CHARGING

The charger allows charging to be delayed in 30-minute increments up to 24 hours in advance, enabling users to defer charging to better align with off-peak electricity periods.



Press and hold Square button for 3-5 seconds until the time field is highlighted



Adjust the desired delayed charging time



Press the Square button to confirm the delayed start charging

CHARGING CURRENT ADJUSTMENT

The Charger comes set to charge at 32A, this can be reduced to meet your capacity requirements.



Once delay charging is set press Square again to move to current adjustment



Adjust the charging current for daily use



Press Square to confirm again to finish. Device is ready

LED LIGHT RING STATUS CODE

The LED ring provides a visual indication of the charger's operating status:



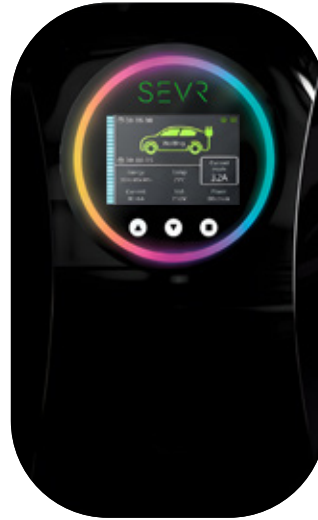
SOLID BLUE

Unit is in standby mode and ready for use "Waiting"



FLASHING BLUE

Delay timer is active and counting down. Charging will begin once the timer has elapsed



RAINBOW

Charging is in progress



FLASHING RED

Emergency stop is active. This occurs when the emergency stop button has been pressed. To resume normal operation, rotate the emergency stop button clockwise to release it

EMERGENCY STOP AND RESET PROCEDURE

The emergency stop button is equipped with a safety interlock.

If activated when the charger is idle, the unit will be locked and charging cannot be initiated.

If activated during charging, the charging process will be immediately terminated.

Once pressed, the emergency stop button will latch in the activated position and the unit will remain in an emergency stop state until manually reset.



TO STOP

Press the red button



TO RESET

Rotate red button clockwise 90 degrees (quarter turn)



TO RESUME

The button will return to its normal position



TROUBLESHOOTING



CHARGER WON'T START / LED BLUE BUT NO CHARGING

- Disconnect and reconnect Type 2 plug at vehicle. Ensure fully inserted.
- Check no scheduled timer is active (LED flashing green = timer counting down).
- Wipe charger and plug dry with clean cloth.
- Check vehicle charging port for dirt. Clean if needed.
- If still not working, contact your installer or SEVR support.

LED FLASHING RED (EMERGENCY STOP ACTIVATED)

- Rotate the red button clockwise to reset. LED returns to blue.

CHARGER GETS VERY HOT

Warm during fast charging is normal. If too hot to touch:

- Stop charging immediately.
- Switch off circuit breaker.
- Let cool for 1 hour.
- Contact SEVR if overheating continues.

CHARGER WON'T TURN ON / LIGHTS OFF

- Check circuit breaker at electrical panel. If OFF, switch back ON.
- Wait 10 seconds. LED should light up blue.
- If breaker trips again, there may be an electrical fault. Do NOT retry. Call installer.

TECHNICAL INFORMATION AND BOX CONTENTS

	SV-EVES7-5MT-B	SV-EVES22-5MT-B
Output Power	7kW	22kW
Voltage	110-240V AC single-phase	380V AC three-phase
Output Current	32A	
Frequency	50/60Hz	
Charging Outlet	Type 2 socket	
Total Power Consumed	≤5W	
IP Rating	IP54	
Driver Efficiency Under Full Load	≥99.8%	
Inrush Current	30mA @240V (A)	
Earth Leakage Current (mA)	≤30mA	
Working Temperature	-30°C to +50°C	
Dimensions	L 220mm x H 340mm x D 100mm	
Weight	4kg	4.5kg
Installation Method	Wall-mounted or Pole-mounted	
Connection	0.5m Input cable + 4.2m AC Type2 cable	
Suits Cable	3x6mm ²	5x6mm ²
In The Box	1x EV Wall charger, 1x 0.5m Input cable, 1x Charging plug + 4.2m AC type 2 cable, 1x Hanger; 1x Mounting bracket and hardware kit	
Warranty	3 years	

SUPPORT & WARRANTY



3-YEAR LIMITED WARRANTY TERMS

This product is covered by a three (3) year parts-only warranty from the date of purchase. Under normal use, SEVR will, at its discretion, replace any defective parts where a manufacturing fault is confirmed.

WARRANTY EXCLUSIONS (NOT COVERED)

This warranty covers parts only:

- All labour costs, including installation, removal, re-installation, and on-site service, are the responsibility of the end user.
- The product is outside the applicable warranty period.
- Proof of purchase (e.g. valid invoice or receipt) is not provided.
- The product model does not match the documentation provided, or warranty documentation has been altered or tampered with improper handling, installation, use, or maintenance, including failure to follow the User Manual.
- Use of non-approved or non-original parts.
- Unauthorised repair, modification, misuse, impact, dropping, crushing, or other physical damage.
- Damage resulting from water ingress, exposure, submersion, or corrosion.
- Product labels, seals, or serial numbers have been removed, altered, defaced, or are illegible.
- Damage caused by external factors or force major events, including but not limited to floods, fire, or lightning.
- Normal wear and tear or deterioration due to aging.
- Any condition resulting in abnormal operation due to the above factors.
- Freight and transportation costs associated with returning products for warranty claims are not covered, except where required under the Australian Consumer Law.

PAID SERVICE

If the product does not meet the conditions of this warranty, SEVR may offer a replacement product on a chargeable basis. Charges may include the cost of the replacement unit and associated service or handling fees.

AFTER-SALES SERVICE AND WARRANTY

SEVR warrants that all products are manufactured in accordance with strict quality control standards.

This warranty applies only to the original purchaser and is non-transferable.

This warranty does not cover any costs associated with returning the product, including freight or transportation.

Nothing in these Terms excludes, restricts, or modifies any rights you may have under the ACL (Consumer Law Rights). To the extent permitted by law, all other warranties or conditions not guaranteed by the ACL are expressly excluded, except where explicitly stated in this policy.

RETURNS POLICY

(a) Returns are not accepted for change of mind or other non-fault circumstances. This policy does not affect any rights or remedies available under the Australian Consumer Law (ACL) in relation to faulty or defective products.

(b) Where products are returned for assessment under the ACL, the customer is responsible for all associated costs, including delivery and transportation.

(c) Where a valid claim is confirmed under the ACL, SEVR will assess the product and, at its discretion, provide a replacement product or refund. Reasonable return freight costs may be reimbursed where required under the ACL.

SUPPORT

SEVR ESERIES WALL-MOUNTED EV CHARGER

At SEVR we pride ourselves on unrivalled customer service and technical expertise. If you have any questions regarding your installation, operation, or maintenance, our local team is ready to help.



sales@sevr.au



1800 007 387



Have serial number and
purchase date ready

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