Quick installation guide SmartShunt IP65



Battery safety warnings

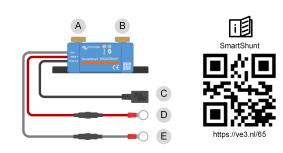


- Working in the vicinity of a lead-acid battery is dangerous. Batteries can generate explosive gasses during operation. Never smoke
 or allow a spark or flame in the vicinity of a battery. Provide sufficient ventilation around the battery.
- · Wear eye and clothing protection.
- · Avoid touching eyes while working near batteries. Wash your hands when done.
- If battery acid contacts skin or clothing, wash them immediately with soap and water. If acid enters an eye, immediately flood the eye with running cold water for at least 15 minutes and get medical attention immediately.
- Be careful when using metal tools in the vicinity of batteries. Dropping a metal tool onto a battery might cause a short circuit and possibly an explosion.
- Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a battery. A battery can produce a short circuit current high enough to melt objects such as rings, causing severe burns.

1 - Introduction

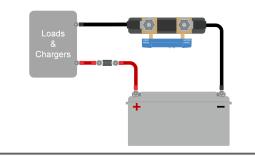
- · Familiarize yourself with the SmartShunt.
- The full manual is available online. Scan below QR code or navigate to: https://ve3.nl/65.

#	Connection	Terminal type
Α	LOAD MINUS	M10 bolt
В	BATTERY MINUS	M10 bolt
С	VE.Direct (black wire)	VE.Direct plug
D	VBatt+ (red wire)	M10 ring terminal
E	Aux (grey wire)	M10 ring terminal



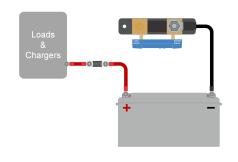
3 - DC system negative

• Connect the negative terminal of the DC electrical system to the SmartShunt "LOAD MINUS" terminal (A).



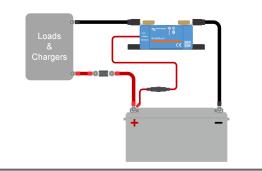
2 - Battery negative

• Connect the negative battery terminal to the SmartShunt "BATTERY MINUS" terminal (B).



4 - Power

• Connect the red SmartShunt "VBatt +" wire (D) to the positive battery terminal.



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