

## PRODUKT



# SOLARWATT Battery vision backup booster

Battery vision backup booster is a three-phase automatic switching device available as a supplementary product for installation with Inverter vision three. It enhances the three-phase backup functionality of an Inverter vision three by allowing the backup circuits to not be powered through the inverter when a mains voltage is present.

- Wall-mounted metal housing in Solarwatt vision design
- Up to max. 63 A per phase in Mains operating mode
- Up to max. 25 A per phase during backup operating mode
- Power in backup mode is limited to the inverter power of the installed Inverter vision three model.

### MAINS SUPPLY (GRID)

Rated mains voltage	400/230 V <sub>ac</sub> ; 380/220 V <sub>ac</sub> , 3L/N/PE
Rated mains frequency	50 Hz / 60 Hz
Max. Input current (per phase)	63 A
Max. Conductor cross section	16 mm <sup>2</sup>
Suitable mains forms	TN-C-S; TN-S; TT

### GRID CONNECTION INVERTER (INV)

Fuse protection of the connection (per phase)	32 A
Max. Input and output current of the inverter (per phase)	25 A
Max. Conductor cross section	6 mm <sup>2</sup>

### BACKUP CONNECTION INVERTER (BACKUP)

Fuse protection of the connection (per phase)	32 A
Max. output current of the inverter (per phase)	25 A
Max. Conductor cross section	6 mm <sup>2</sup>

Tested In accordance with EU and UK directive and regulation (CE/UKCA) according to 2014/35/EU (LVD)

## BENEFITS

- Simple integration of mains backup power operation into the building installation
- Optional automatic or manual switching between mains and Backup mode possible
- Protection of the associated Inverter vision three included
- No additional communication connection to the Inverter vision three

### CONSUMER CONNECTION (LOAD)

Max. output current of the inverter (per phase)	63 A
Max. Conductor cross section	16 mm <sup>2</sup>

### GENERAL DATA

Supported devices	SOLARWATT Inverter vision three <b>Note:</b> the DTSU 666 electricity meter supplied with the inverter must also be installed in systems with a backup booster
Cooling concept	Natural convection
Installation concept	wall mounting
Switching	all-pole, automatic or manual
Switchover time	adjustable 0 - 30 sec
Operating temperature	-25° C to 60° C (power reduction from 45° C)
Dimensions (WxHxD)	550 x 420 x 138.5 mm
Packaging dimensions	660 x 515 x 235 mm
Weight (net)	16 kg
Weight (gross)	19.3 kg
IP rating	IP65
Protection class	I

## DIMENSIONS

