## PRODUKT




# SOLARWATT Battery vision three backup booster

Battery vision backup booster is a three-phase automatic switching device required as a supplementary product for installation with Inverter vision three an Inverter vision max (15 kW). It enhances the three-phase backup functionality of the Inverter 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 model.

## MAINS SUPPLY (GRID)

| | |
|---|---|
| **Rated mains voltage** | 400/230 Vac; 380/220 Vac, 3L/N/PE |
| **Rated mains frequency** | 50 Hz / 60 Hz |
| **Max. Input current (per phase)** | 63 A |
| **Max. Conductor cross section** | 16 mm² |
| **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 mm² |

## 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 mm² |

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

## CONSUMER CONNECTION (LOAD)

| | |
|---|---|
| **Max. output current of the inverter (per phase)** | 63 A |
| **Max. Conductor cross section** | 16 mm² |

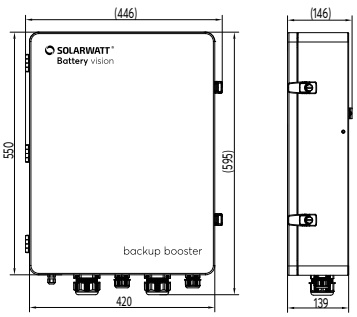
## GENERAL DATA

| | |
|---|---|
| **Required for ...** | SOLARWATT Inverter vision three, SOLARWATT Inverter vision max (15 kW)<br>**Note:** 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 1 - 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 |

## 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 included
- No additional communication connection to the Inverter

## DIMESIONS






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