

PRODUCT



SOLARWATT Battery vision  
clusterbox 1.0

The Battery vision clusterbox enables the operation of multiple Battery vision storage units (each in combination with a SOLARWATT Inverter vision three) with only one main meter in the same energy system.

The clusterbox coordinates battery charging between the individual devices, receives control signals (e.g. from the grid operator) and distributes them to the individual inverter-battery-pairs.

ELECTRICAL CONNECTION

Power supply	10 - 27 V <sub>DC</sub> , via power supply unit (included) or communication bus to the inverter
Power consumption	20-30 W

INPUTS AND OUTPUTS

	Connection	Interface
Ripple control receiver	RJ45	potential-free contacts, 6-24 V
Inverter cluster	RJ45	RS485
Digital In / Digital Out	RJ45	3 x Relay outputs, 1x input
Chint Meter	RJ45	3x RS485
LAN (Service)	RJ45	Ethernet
WAN (Router)	RJ45	Ethernet
WLAN	Antenna	

Tested in accordance with EU and UK directives and regulations (CE/UKCA):  
2014/35/EU (LVD)  
2011/65/EU (RoHS) (voluntarily)  
2014/30/ EU (EMC)  
2014/53/EU (RED)



For information in accordance with the EU Data Act, scan the QR code or follow the link:  
[www.solarwatt.com/eu-data-act-en](http://www.solarwatt.com/eu-data-act-en).

BENEFITS

- Connection of up to 10 Inverter vision three + Battery vision pairs in grid-connected operation
- Connection of up to 4 Inverter vision three + Battery vision pairs in emergency power mode
- Wall-mounted metal housing in Solarwatt vision design

DISPLAY AND CONTROL ELEMENTS

Start button	on / off
LEDs	RUN / COM / CLOUD

GENERAL DATA

Supported devices	SOLARWATT Inverter vision three Chint Meter DTSU 666 <b>Note:</b> Only one DTSU 666 is required for the entire system (included in the scope of delivery of the inverters).
Installation	Wall mounting
Storage Temperature	-40 °C to 70 °C
Operation Temperature	-30 °C to 60 °C
Relative Luftfeuchtigkeit	< 95 % (no condensation)
Dimensions (WxHxD) Dimensions Packing	260 x 192 x 88 mm 350 x 280 x 165 mm
Weight (netto / brutto)	2.3 kg / 3.5 kg
IP rating	IP65 (Indoor and Outdoor)
Protection class	I
Overvoltage Category	II

DIMENSIONS

