

## Commissioning log Battery flex AC-1 (please fill out completely and leave a copy at the customer's)

### Customer details

Surname, first name

Street

Postcode, city, country

E-Mail

### System installed by (registered electrical installation company)

Solarwatt training certificate number

Surname, first name

Company name

Street

Postcode, city

Telephone

E-Mail

### Location of system (i different)

Street

Postcode, city

### PV System

Total output of the PV array [kWp]

### Battery flex AC-1

Installed as a cluster?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Duo <input type="checkbox"/> Triple		
Serial number of Battery flex Base AC-1	<input type="text"/>		
Connected outer conductor	L1 <input type="checkbox"/>	L2 <input type="checkbox"/>	L3 <input type="checkbox"/>
Battery flex packs <small>(if more than 6 packs are installed, please note the additional serial numbers on the back side under remarks)</small>	Serial number: <input type="text"/> Installation date: <input type="text"/>	Serial number: <input type="text"/> Installation date: <input type="text"/>	Serial number: <input type="text"/> Installation date: <input type="text"/>
	Serial number: <input type="text"/> Installation date: <input type="text"/>	Serial number: <input type="text"/> Installation date: <input type="text"/>	Serial number: <input type="text"/> Installation date: <input type="text"/>
Installed energy content	_____ kWh		
Battery flex pack type	30 A <input type="checkbox"/> 70 A <input type="checkbox"/>		

### PV-inverter

PV-inverter no. 1

PV-inverter no. 2

PV-inverter no. 3

	PV-inverter no. 1	PV-inverter no. 2	PV-inverter no. 3
PV inverter manufacturer and model	<input type="text"/>	<input type="text"/>	<input type="text"/>
PV inverter serial number	<input type="text"/>	<input type="text"/>	<input type="text"/>
PV inverter output	<input type="text"/>	<input type="text"/>	<input type="text"/>
Complies with National connection conditions? (e.g. VDE AR-N 4105)	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
PV-inverter connection Single phase (Specify connected outer conductors):	<input type="checkbox"/> L1 <input type="checkbox"/> L2 <input type="checkbox"/> L3	<input type="checkbox"/> L1 <input type="checkbox"/> L2 <input type="checkbox"/> L3	<input type="checkbox"/> L1 <input type="checkbox"/> L2 <input type="checkbox"/> L3
3 phase:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### SOLARWATT Manager

SOLARWATT Manager installed?  yes     no

EnergyManager pro or Manager flex installed?

If yes, serial number:

### AC-Sensor 63

Serial number AC-Sensor

Connected phases L1  L2  L3   
power supply

Circuit breaker/cut-off switch with B10A or B16A tripping characteristic installed?  yes     no

### AC-Sensor Flex

Serial number AC-Sensor

Max. current in outer conductor  ≤ 63 A     >63 A

Current ratio transformer measurement (75 A/1 A - 4.500 A/1 A)

Connected phases  L1     L2     L3  
power supply

For current ratio transformer measurement Fuse at L1 installed? yes  no

Active power limitation at grid connection point (only relevant if required in mains connection conditions)?	yes <input type="checkbox"/> _____ %      no <input type="checkbox"/>       <input type="checkbox"/> static (on PV-inverter)   <input type="checkbox"/> dynamic     <input type="checkbox"/> with SOLARWATT Manager   <input type="checkbox"/> others
Visual inspection for transport damage conducted?	yes <input type="checkbox"/> no <input type="checkbox"/>
Installation conducted as per installation and operating instructions?	yes <input type="checkbox"/> no <input type="checkbox"/>
Installation site meets the conditions specified in the installation and operating instructions?	yes <input type="checkbox"/> no <input type="checkbox"/>
Specifically:	
- flood-protected installation site	yes <input type="checkbox"/> no <input type="checkbox"/>
- no flammable materials stored	yes <input type="checkbox"/> no <input type="checkbox"/>
Cable connections installed as per country guidelines?	yes <input type="checkbox"/> no <input type="checkbox"/>
Grounding resistance checked and measured in accordance with local requirements?	yes <input type="checkbox"/> no <input type="checkbox"/>
Protective earth conductor connected to inverter, Battery flex AC-1 and SOLARWATT Manager by separate circuit breakers?	yes <input type="checkbox"/> no <input type="checkbox"/>
Battery flex base and pack seal intact?	yes <input type="checkbox"/> no <input type="checkbox"/>
System owner been informed of the special disposal regulations?	yes <input type="checkbox"/> no <input type="checkbox"/>
Storage system's main operating modes been explained to the system operator? (charge, discharge, standby)	yes <input type="checkbox"/> no <input type="checkbox"/>
System owner been informed of the internal temperature behaviour? - Operating and ambient temperature -20 °C to 50 °C. - Detailed temperature-dependent operating behavior see SOLARWATT Battery flex AC-1 installation instructions.	yes <input type="checkbox"/> no <input type="checkbox"/>
The privacy policy and customer information on data privacy handed over to the system owner?	yes <input type="checkbox"/> no <input type="checkbox"/>
Fuses for inverters, Battery flex AC-1 and SOLARWATT Manager clearly labeled?	yes <input type="checkbox"/> no <input type="checkbox"/>
Product warranty activated?	yes <input type="checkbox"/> no <input type="checkbox"/>
Storage system connected to the local internet?	yes <input type="checkbox"/> no <input type="checkbox"/>
Commissioning with SOLARWATT pro app completed? Setting is successful when Status and Performance LEDs stop blinking blue.	yes <input type="checkbox"/> no <input type="checkbox"/>

**Note:**

SOLARWATT Battery flex AC-1 has been certified as per safety guidelines for Li-ion household battery systems and thus meets the requirements for a storage system protected by fuses featuring a redundant design.

Remarks, special features or updates to installation:

<b>System operator:</b>	I hereby confirm that I have received documentation on installation and commissioning from the specialist company and instructions on the operation of the Battery flex storage system.
_____	_____
Place, Date	Signature

<b>System installed by:</b>	Installed and commissioned by a qualified electrician, certified by Solarwatt, as per DIN VDE 1000-10 and/or Provision 3 in the DGUV Accident Prevention Regulations (formerly BGV A3).
_____	_____
Place, Date	Signature