Checklist for installation of the VARTA pulse/ pulse neo / element:

Customer details

Surname, first name _____ Phone no. _____
Street + no. _____ Postcode + city _____
Email _____

Certified installer:

Name of installation company _____ Name of Specialist _____
Street + no. _____ Postcode + city _____
Phone no. _____ Email _____

VARTA pulse / pulse neo scope of delivery:

- Energy storage system:
  - ☐ 1 x battery module
  - ☐ 1 x battery inverter
  - ☐ 1 x carrier plater
  - ☐ 1 x cover
  - ☐ 1 x pre-installed cable set
- Accessories kit:
  - ☐ 1 x current sensor (50 A)
  - ☐ 20 m RJ12 sensor cable
  - ☐ 1 x AC plug
  - ☐ 4 x mounting screws for the battery module
  - ☐ 3 x mounting screws for the cover

VARTA element scope of delivery:

- Element 6 expansion stage:
  - ☐ 1 x battery charger,
  - ☐ 1 x communication cable set,
  - ☐ 1 x power cable
- Element 12 expansion stage:
  - ☐ 2 x battery charger,
  - ☐ 2 x communication cable set,
  - ☐ 2 x power cable.
- Element 9 expansion stage:
  - ☐ 2 x battery charger,
  - ☐ 2 x communication cable set,
  - ☐ 2 x power cable
- Accessories kit
  - ☐ VARTA Split Core current sensor,
  - ☐ 20 m RJ11 sensor cable,
  - ☐ 1 x AC plug,
  - ☐ 8 x mounting screws for battery module(s).

Energy storage system details:

Serial number: _____

Safety information

☐ Read

VARTA pulse / pulse neo mains connection:

☐ 240 V AC, 50 Hz

VARTA element mains connection:

☐ 400 V AC, 3-phase, 50 Hz

Installation location:

☐ Within the house
☐ Humidity < 80%
☐ Smoke detector recommended
☐ Room temperature 5 °C – 30 °C
☐ Altitude < 2000 m above sea level
☐ VARTA pulse / pulse neo: flat wall min. 200 cm x 90 cm
VARTA element: level floor min. 70 cm x 55 cm
☐ Interference by external sources of heat excluded
☐ Side clearance > 15 cm (pulse/pulse neo)
☐ Clearance to the right side > 5 cm, left side > 10 cm (element)
☐ Top clearance > 30 cm (pulse/pulse neo/element)
☐ Clearance for ventilation > 100 cm (pulse/pulse neo/element)
☐ Space in front of cabinet > 120 cm (pulse/pulse neo/element)

Installation:

☐ Transport only in enclosed vehicles
☐ Visible packaging damage
☐ The impact indicator displays the colour red (VARTA element)

☐ Preparation of the electrical connection
☐ Suspension (VARTA pule / pulse neo) / positioning (VARTA element) & connection of the energy storage system
☐ Battery module installation
☐ Wiring inspection
☐ Closure of the energy storage system
☐ VARTA Split Core current sensor where applicable

Initial commissioning:

☐ Switch-on (on/off switch)
☐ Energy storage system connected to the home network router

Alternative: energy storage system connected to the computer with a network cable

- ☐ Login as installer with password entry
- ☐ Execution of software configuration
- ☐ Date set
- ☐ Time set
- ☐ Serial number for battery modules entered
- ☐ Functional test
- ☐ Reboot
- ☐ Error list read
- ☐ Completion of configuration
- ☐ PV inverter connected via Sunspec (VARTA pulse neo / element)

The system has been set up in accordance with the accepted engineering standards and the operator has been trained in operation and maintenance ☐ Yes ☐ No

The operator has been trained in proper use ☐ Yes ☐ No

Commissioning of the energy storage unit was done on: _____

VARTA Storage portal – energy storage system registration

- ☐ VARTA Portal warranty registration – installer part within **20 weeks as from delivery**
  - ☐ Internet connection configured (requirement for online warranty)
- ☐ Customer provided with information about their part of warranty registration – within **4 weeks as from commissioning**