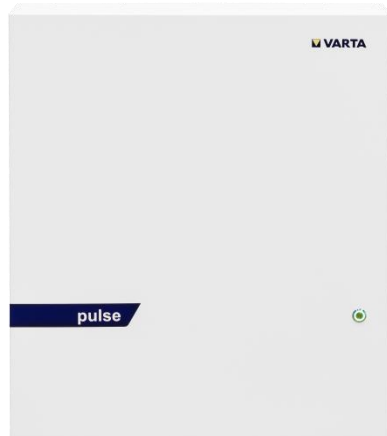


SERVICE AND MAINTENANCE

VARTA pulse



VARTA Storage GmbH



Legal notice

Service and maintenance booklet for VARTA pulse

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1 General

1.1 Information about this service and maintenance booklet

Keep this service and maintenance booklet together with the instruction manual for your VARTA pulse and present it to the service technician during any service call.

1.2 Scope

This service and maintenance booklet is intended for the product VARTA pulse.

1.3 Requirement for warranty coverage

You can show with the service and maintenance booklet that the specified maintenance intervals have been observed, only original parts have been used and the work on your VARTA pulse energy storage system has been carried out solely by qualified electricians certified by VARTA Storage GmbH.

1.4 Contact/Hotline

VARTA Storage GmbH
Technical Service
Nürnberger Strasse 65
86720 Nördlingen

technical.service@varta-storage.com

Hotline: +49 9081 240 86 44

2 Verification of service work

The first service must be carried out no later than two years after the installation date. Thereafter, a maintenance interval of 3 years applies.

Customer:

Name, first name _____

Street _____

Postal code and town/city _____

Telephone number _____

Email _____

Storage system location (If different):

Street _____

Postal code and town/city _____

Energy storage system installation:

Serial number _____

Date _____

Certified service
technician _____Signature/stamp _____



1st service before end of 2nd year following installation

Service company:

Name

Street

Postal code and town/city

Telephone number

Service:

Date

Certified service
technician

Signature/stamp

Next service by:

Date

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	Ver.:	
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



2nd service before end of 5th year following installation

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Service:

Date _____

Certified service
technician _____

Signature/stamp _____

Next service by:

Date _____

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	Ver.:	
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



3rd service before end of 8th year following installation

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Service:

Date _____

Certified service
technician _____

Signature/stamp _____

Next service by:

Date _____

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	<input type="radio"/>	Ver.:
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



4th service before end of 11th year following installation

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Service:

Date _____

Certified service
technician _____

Signature/stamp _____

Next service by:

Date _____

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	<input type="radio"/>	Ver.:
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



5th service before end of 14th year following installation

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Service:

Date _____

Certified service
technician _____

Signature/stamp _____

Next service by:

Date _____

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	Ver.:	
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



6th service before end of 17th year following installation

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Service:

Date _____

Certified service
technician _____

Signature/stamp _____

Next service by:

Date _____

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	Ver.:	
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.



7th service before end of 20th year following installation

Service company:

Name

Street

Postal code and town/city

Telephone number

Service:

Date

Certified service
technician

Signature/stamp

Next service by:

Date

Service work*	✓	Comments
Outside checks:		
Ventilation openings on right edge of the housing cleaned. The openings are not covered or clogged	<input type="radio"/>	
Room temperature 5 - 30 °C year-round	<input type="radio"/>	
LED indicator at the On/Off switch green	<input type="radio"/>	
On/Off switch: Operation checked	<input type="radio"/>	
Via Web interface:		
Online status "connected"	<input type="radio"/>	
Software version	Ver.:	
Air filter counter reset	<input type="radio"/>	
Error memory read out	<input type="radio"/>	
Fan operation checked	<input type="radio"/>	
Software update (if offline system)	<input type="radio"/>	
Housing interior:		
Air filter grille cleaned	<input type="radio"/>	
Air filter checked / exchanged**	<input type="radio"/>	
Conclusion:		
Earth cable checked	<input type="radio"/>	
Hood fastened	<input type="radio"/>	
Circuit-breaker switched back on	<input type="radio"/>	
Energy storage system switched on / operation checked	<input type="radio"/>	

*For a detailed description of the service work, see the "Maintenance" section in the instruction manual.

**The air filter must be exchanged every other time service is performed.

3 Verification of repair and other work

Repair / other work (1)

Service company:

Name

Street

Postal code and town/city

Telephone number

Certified service technician:

Date

Name

Signature/stamp

Repair / other work (1)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new
_____	_____	_____
_____	_____	_____

Unusual system parameters:	Values:
_____	_____
_____	_____
_____	_____

Comments:



Repair / other work (2)

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Certified service technician:

Date _____

Name _____

Signature/stamp _____

Repair / other work (2)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new
_____	_____	_____
_____	_____	_____

Unusual system parameters:	Values:
_____	_____
_____	_____
_____	_____

Comments:

Repair / other work (3)

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Certified service technician:

Date _____

Name _____

Signature/stamp _____

Repair / other work (3)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new
_____	_____	_____
_____	_____	_____

Unusual system parameters:	Values:
_____	_____
_____	_____
_____	_____

Comments:



Repair / other work (4)

Service company:

Name

Street

Postal code and town/city

Telephone number

Certified service technician:

Date

Name

Signature/stamp

Repair / other work (4)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new
_____	_____	_____
_____	_____	_____

Unusual system parameters:	Values:
_____	_____
_____	_____
_____	_____

Comments:



Repair / other work (5)

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Certified service technician:

Date _____

Name _____

Signature/stamp _____

Repair / other work (5)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new

Unusual system parameters:	Values:

Comments:



Repair / other work (6)

Service company:

Name _____

Street _____

Postal code and town/city _____

Telephone number _____

Certified service technician:

Date _____

Name _____

Signature/stamp _____

Repair / other work (6)

Date: _____

Software version: _____

Work performed:

Original parts:	Serial numbers:	
	old	new
_____	_____	_____
_____	_____	_____

Unusual system parameters:	Values:
_____	_____
_____	_____
_____	_____

Comments:

4 Replacement parts

Replacement part	Article no.	Comment
Battery module 3.3 kWh	719152	
Battery module 6.5 kWh	719153	
Filter mat (pulse)	716710	
Sensor cable	710499	Length: 20 m
VARTA Split Core current sensor, 3-phase	719341	
Inverter	716724	