

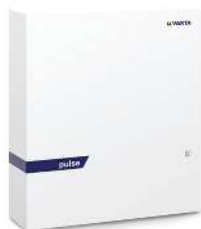
# VARTA pulse

130 Years Battery Experience in Your Energy Storage System.



- ▶ **Designer chair: From the vintage market.**
- ▶ **Mortgage: From the bank.**
- ▶ **Energy storage system: From VARTA Storage.**

# A STEP INTO THE FUTURE.



## VKB-NUMBER

pulse 3 battery storage system	02707 852 201
pulse 6 battery storage system	02707 852 202

## ► Technical data and facts

SYSTEM DATA	PULSE 3	PULSE 6
Nominal battery capacity	3.3 kWh	6.5 kWh
Usable storage capacity	2.9 kWh	5.9 kWh
System performance	1.6 kW	2.5 kW
Dimensions (W x H x D) in mm	600 x 690 x 190	600 x 690 x 190
Weight incl. battery module	45 kg	65 kg
GENERAL DATA		
Electrochemistry of cell	Lithium-Ion	
Depth of discharge	90%	
Energy management system	EMS VS-Pro	
Cell monitoring	Fully integrated	
Protection class	IP22	
Mains connection	230 V AC, 1-phase, 50 Hz	
Mains configurations	TN-systems, TT-systems	
Ambient temperature	+5 °C to +30 °C	
System warranty *	7 years maintenance warranty	
Warranty on batteries	10 years or 4,000 cycles**	
Scalable	Up to five VARTA pulse	
FUNCTION		
Energy management	Integrated, fully automated	
Output recording	1-phase via current sensor	
Current sensor	Analog, 100 A per phase (incl. 20 m cable)	
Readout functions / service	Ethernet	
Visualization	Internet web portal and internal web server	
Data interface	XML, Modbus / TCP	
Control/ concept/ monitoring	PC, Tablet, Smartphone	
System extension (optional)	SolarLog, RWE, SmartHome. LichtBlick (decentralized power generation)	
STANDARDS		
EMC Directive 2014/30/EU, Low Voltage Directive (LVD) 2014/35/EU, DIN EN 62109-1 : 2011 Safety of power converters for use in photovoltaic power systems, Security Guide		

\* According to terms of manufacturer's warranties (available at: [www.varta-storage.de/downloads](http://www.varta-storage.de/downloads)).

\*\* Residual capacity: 80%.