

# VARTA pulse

130 Years Battery Expertise 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 852 701
pulse 6 battery storage system	02707 852 702

## ► Technical data and facts

SYSTEM DATA	PULSE 3	PULSE 6
Battery capacity nominal	3.3 kWh	6.5 kWh
Max. AC power charge / discharge	1.8 / 1.6 kW	2.5 / 2.3 kW
Dimensions (w x h x d) in mm	600 x 690 x 186	600 x 690 x 186
Weight	45 kg	65 kg
Electrochemistry	Lithium nickel manganese cobalt oxide	
Depth of discharge	90 %	
Energy management	EMS VS-Pro	
Safety	Multi-level, hard- and software redundant cell monitoring	
Mains connection	230 V AC, 1-phase, 50 Hz	
Mains configuration	TN-systems, TT-systems	
Country licences	Australia, New Zealand	
Protection class	IP 33	
Ambient operating temperature	+5 °C to +45 °C	
System warranty	7 years maintenance warranty *	
Warranty on batteries	10 years **	

## FUNCTIONS

Private consumption optimisation	1-phase
Output recording	3-phase via current sensor
Readout functions / service	Ethernet
Visualisation	VARTA Storage app for Android and iOS, web portal and internal web server
Smart home interfaces	XML, Modbus / TCP
Smart home compatibility	SolarLog, innogy SmartHome, Smartfox, myGEKKO, my-PV smart water heater, switching contacts for weight and producer regulation (Rutenbeck TCR IP 4)

## STANDARDS

CE-conformity, Low Voltage Directive (LVD) 2014/35/EU, EMC Directive 2014/30/EU, UN 38.3, IEC 62109-1:2011, IEC 62109-2:2011, AS 62040.1.1:2003, AS/NZS 4777.2:2015

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

\*\* Residual capacity: 60 %.