

Version		BOS 85	BOS 89	BOS 92
		<b>General</b>		
Power Storage size (gross)	kWh	85,2	88,8	92,4
Max. output power	VA	45000		
Max. total efficiency	%	n.a		
Continuous charging power	VA	28800		
Connections		3x 230 V (AC in) 3x 230 V (AC out) 1x 48 V (DC)		
Cable cross section (max. 50m)	mm <sup>2</sup>	35		
Fuse	A	80		
Suitable CHP unit power size <sup>(1)</sup>	kW <sub>el</sub>	2.0 - 30.0		
PV connection		Grid parallel		
Storage function		Zero reference regulation via CHP		
Cooling		Fan ventilation		
Operating modes		Grid replacement, grid-forming isolated operation		
Measurements		Per phase current- and power measurement		
Display		LED display on the unit		
Protection class		IP 20		
Operating temperature	°C	5-30		
Humidity	%	max. 95		
Unit consumption	W	240		
Visualisation		Panel CHP		
Weight	kg	2217,81	2250,87	2283,11
Number of cabinets <sup>(2)</sup>		5	6	
Dimensions per cabinet (LxBxH)	mm	911x802x1880		
Tilt dimension (front   lateral)	mm	2078   2033		
		<b>Inverter</b>		
Manufacturer		Victron		
Power	kW	45		
		<b>Battery modules</b>		
Manufacturer		Pylontech		
Gross capacity	Wh	24x 3552	25x 3552	26x 3552
Operating voltage	V	48		
Cell type		LiFePo4		
Efficiency	%	90-95		
		<b>Standards and directives</b>		
Safety		VDE-AR-N 4105:2018-11 EN-IEC 60335-1, EN-IEC 60335-2-29 EN-IEC 62109-1, EN-IEC 62109-2		
Emissions		EN 55014-1, EN 55014-2 EN-IEC 61000-3-2, EN-IEC 61000-3-3 IEC 61000-6-1, IEC 61000-6-2, IEC 61000-6-3		

(1) Technical inspection by the manufacturer required

(2) It is imperative that the cabinets are positioned next to each other.

Deviating values depending on ambient and operating conditions.

Subject to technical modifications, design variations and errors.