

Technical data sheet

Power Storage with Blackout Start (BOS)

BOS 18, BOS 21, BOS 25, BOS 28

Version	BOS 18	BOS 21	BOS 25	BOS 28
	General			
Power Storage size (gross)	17,8	21,3	24,9	28,4
Max. output power	9000	15000	15000	15000
Max. total efficiency	n.a.			
Continuous charging power	5000	10000	10000	10000
Connections	3x 230 V (AC in) 3x 230 V (AC out) 1x 48 V (DC)			
Cable cross section (max. 50m)	6	10	10	10
Fuse	32	50	50	50
Suitable CHP unit power size ⁽¹⁾	2.0 - 5.0		2.0 - 5.0, 8.0,9.5	
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	5-30			
Humidity	max. 95			
Unit consumption	33	54	54	54
Visualisation	Panel CHP			
Weight	517,04	583,40	616,46	649,52
Number of cabinets ⁽²⁾	2			
Dimensions per cabinet (LxBxH)	706x602x1880			
Tilt dimension (front lateral)	1996 1962			
Manufacturer	Inverter Victron			
Power	9	15	15	15
Manufacturer	Battery modules Pylontech			
Gross capacity	5x 3552	6x 3552	7x 3552	8x 3552
Operating voltage	48			
Cell type	LiFePo4			
Efficiency	90-95			
Safety	Standards and directives 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.