

Link do produktu: <https://sklep.prostowniki-akumulatory.pl/akumulator-litowo-jonowy-lifepo4-victron-128v-180ah-smart-p-2752.html>

## Akumulator litowo-jonowy LiFePO4 Victron 12.8V 180Ah Smart

Cena brutto	<b>4 869,00 zł</b>
Cena netto	<b>3 958,54 zł</b>
Dostępność	<b>Na zamówienie</b>
Średni czas wysyłki	<b>10 dni</b>
Numer katalogowy	<b>BAT512118610</b>
Producent	<b>Victron Energy</b>

### Opis produktu

Akumulator litowo-żelazowo-fosforowy (LFP) Victron Smart:

- Zintegrowana funkcja wyrównywania ogniw
- Można łączyć szeregowo i równolegle
- Aplikacja Bluetooth jest dostępna do monitorowania napięcia i temperatury komórki

Battery specification								
VOLTAGE AND CAPACITY	LFP-Smart 12,8/50	LFP-Smart 12,8/100	LFP-Smart 12,8/160	LFP-Smart 12,8/180	LFP-Smart 12,8/200	LFP-Smart 12,8/330	LFP-Smart 25,6/100	LFP-Smart 25,6/200-a
Nominal voltage	12,8 V	12,8 V	12,8 V	12,8 V	12,8 V	12,8 V	25,6 V	25,6 V
Nominal capacity @ 25 °C*	50 Ah	100 Ah	160 Ah	180 Ah	200 Ah	330 Ah	100 Ah	200 Ah
Nominal capacity @ 0 °C*	40 Ah	80 Ah	130 Ah	150 Ah	160 Ah	260 Ah	80 Ah	160 Ah
Nominal capacity @ -20 °C*	25 Ah	50 Ah	80 Ah	90 Ah	100 Ah	160 Ah	50 Ah	100 Ah
Nominal energy @ 25 °C*	640 Wh	1280 Wh	2048 Wh	2304 Wh	2560 Wh	4220 Wh	2560 Wh	5120 Wh
Capacity loss	(per 100 cycles, @ 25 °C, 100 % DoD): <1 %							
Energy loss	(per 100 cycles, @ 25 °C, 100 % DoD): <1 %							
Round trip efficiency	92 %							
* Discharge current ≤1C								
CYCLE LIFE (capacity ≥ 80 % of nominal)								
80 % DoD	2500 cycles							
70 % DoD	3000 cycles							
50 % DoD	5000 cycles							
DISCHARGE								
Maximum continuous discharge current	100 A	200 A	320 A	360 A	400 A	400 A	200 A	400 A
Recommended continuous discharge current	≤50 A	≤100 A	≤160 A	≤180 A	≤200 A	≤300 A	≤100 A	≤200 A
End of discharge voltage	11,2 V	11,2 V	11,2 V	11,2 V	11,2 V	11,2 V	22,4 V	22,4 V
Internal resistance	2 mΩ	0,8 mΩ	0,9 mΩ	0,9 mΩ	0,8 mΩ	0,8 mΩ	1,6 mΩ	1,5 mΩ
OPERATING CONDITIONS								
Operating temperature	Discharge: -20 °C to +50 °C Charge: +5 °C to +50 °C							
Storage temperature	-45 °C to +70 °C							
Humidity (non-condensing)	Max. 95 %							
Protection class	IP 22							
CHARGE								
Charge voltage	Between 14 V/28 V and 14,4 V/28,8 V (14,2 V/28,4 V recommended)							
Float voltage	13,5 V/27 V							
Maximum charge current	100 A	200 A	320 A	360 A	400 A	400 A	200 A	400 A
Recommended charge current	≤30 A	≤50 A	≤80 A	≤90 A	≤100 A	≤150 A	≤50 A	≤100 A
MOUNTING								
Can be placed on their sides	Yes <sup>1)</sup>	Yes <sup>2)</sup>	Yes <sup>2)</sup>	Yes <sup>2)</sup>	Yes <sup>2)</sup>	No <sup>1)</sup>	Yes <sup>2)</sup>	Yes <sup>2)</sup>
OTHER								
Max storage time @ 25°C <sup>1)</sup>	1 year							
BMS connection	Male + female cable with M8 circular connector, length 50 cm							
Max batteries per BMS	20 (102 kWh per BMS <sup>3)</sup> )							
Power connection (threaded inserts)	M8	M8	M8	M8	M8	M10	M8	M8
Dimensions (hwxwd) mm	199 x 188 x 147	197 x 321 x 152	237 x 321 x 152	237 x 321 x 152	237 x 321 x 152	265 x 359 x 206	197 x 650 x 163	237 x 650 x 163
Weight	7 kg	14 kg	18 kg	18 kg	20 kg	29 kg	28 kg	39 kg
STANDARDS								
Safety	Cells: UL1973 + IEC62619:2017 + UL9540A		Cells: IEC62133:2012		Cells: UL1973 + IEC62619:2017 + UL9540A Battery: IEC62619:2017 + IEC62620:2014		Cells: UL1973 + UL9540A Cells: UL1973 + IEC62619:2017 + UL9540A Battery: IEC62620:2014	
EMC	EN 60335-1:2012/AC:2014, EN-IEC 62368-1: 2020, IEC 61427-1:2013							
Automotive	EN-IEC 61000-6-3:2007/A1:2011/AC:2012 - EN 55014-1:2017/A11:2020 ECE R10-6							

<sup>1)</sup> When fully charged

<sup>2)</sup> The lithium battery can be mounted upright and on its side, but not with the battery terminals facing down

<sup>3)</sup> The 12,8V/330Ah lithium battery may only be mounted in an upright position

<sup>4)</sup> Up to 5 BMS-es can be paralleled. For more info, please see the [official release notes](#)

Produkt posiada dodatkowe opcje:

**Zdanie starego akumulatora:** Płacę kaucję 30 zł , Przekaze do utylizacji w miejscu zamieszkania. , Odbieram osobiście i zdaje akumulator