

INDRIVETEC AG

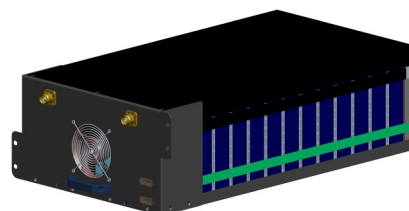
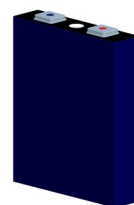
"bricks up" flexible energy storage systems

"BRICK" FlexConvert-BESS Battery Rack

Technical data

Battery System Parameter	150 kWh Standard Rack	
Nominal capacity	150 Ah	
C-rate	1 C	0.5 C
Series and parallel	1P312S	
Battery performance	4000 cycles 90%DoD	6000 cycles 90%DoD
Nominal voltage	998.4 VDC	
Work voltage range	873.6 VDC – 1092 VDC	
Nominal energy	149.76 kWh	
Rated charging current	150 A	75 A
Maximum charge current	160 A	80 A
Rated discharge current	150 A	75 A
Maximum discharge current	160 A	80 A
Rated power Charge	149.76 kW	74.88 kW
Rated power Discharge	149.76 kW	74.88 kW
Operation Temperature Range	25±5 °C Guaranteed cycle life conditions	
Power Consumption	30 W 1 BPU + 1 Rack <small>without fan</small>	
Fan Power	165.9 W	
Dimension D x W x H	835 x 930 x 2057 mm	
Weight	1.6 tons	
Humidity	65%±20%RH	

*Technical data are subject to change, even for reasons on country-specific deviations.
Indrivetec assumes no liability for errors and omissions.*





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“BRICK” FlexConvert-BESS Battery Rack

FlexConvert-BESS Battery Rack

Lithium iron phosphate batteries (LiFePO4 or LFP) offer a lots of benefits

System advantages

Less Degradation & Long Life

No Harm to the Environment

Compact Size & Lightweight

High Safety & Efficiency

Innovation 2022 - 2023

372.736 kWh - 280 Ah - 0.5C

Battery System Parameter	372.736 kWh Battery Rack
Nominal capacity	280 Ah
C-rate	0.5 C
Series and parallel	1P416S
Battery performance	6000 cycles 90%DoD
Nominal voltage	1331.2 VDC
Work voltage range	1168.8 VDC – 1456 VDC
Nominal energy	372.76 kWh
Rated charging current	140 A
Maximum charge current	160 A
Rated discharge current	140 A
Maximum discharge current	160 A
Rated power Charge	186.368 kWh
Rated power Discharge	186.368 kWh
Operation Temperature Range	25±5 °C <small>Guaranteed cycle life conditions</small>
Power Consumption	50 W 1 BPU + 1 Rack <small>without fan</small>
Fan Power	180 W
Dimension D x W x H	806 x 1860 x 2037 mm
Weight	3.4 tons
Humidity	65%±20%RH

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