

FlexConvert BESS-Single FC-BESS-1000 configurations

20 ft. Container, up to 8 x 150 kWh racks and one Inverter FC320, FC500, FC750 or FC1000

FC-BESS-1000 configurations at cos phi: 0,9			
320 kW – 600 kWh	320 kW – 750 kWh	320 kW – 900 kWh	320 kW – 1200 kWh
500 kW – 600 kWh	500 kW – 750 kWh	500 kW – 900 kWh	500 kW – 1200 kWh
	750 kW – 750 kWh	750 kW – 900 kWh	750 kW – 1200 kWh
			1000 kW – 1200 kWh
320 kW – 1050 kWh	500 kW – 1050 kWh	750 kW – 1050 kWh	1000 kW – 1050 kWh
Battery performance	6000 cycles 90%DoD, 0.5C and 4000 cycles 90%DoD, 1C		
System efficiency (round-trip)	> 88%		
Cell Chemistry	Lithium Iron Phosphate LiFePO4		
General data			
Dimensions (L x W x H)	20 ft. 6100x2500x2900 mm		
Ambient temperature	-25... +50°C (extended range upon request)		

FlexConvert BESS-Single FC-BESS-2000 configurations

40 ft. Container, up to 16 x 150 kWh racks and one Inverter FC320, FC500, FC750, FC1000, FC1500 or FC2000

FC-BESS-2000 configurations at cos phi: 0,9			
320 kW – 1500 kWh	320 kW – 1800 kWh	320 kW – 2100 kWh	320 kW – 2400 kWh
500 kW – 1500 kWh	500 kW – 1800 kWh	500 kW – 2100 kWh	500 kW – 2400 kWh
750 kW – 1500 kWh	750 kW – 1800 kWh	750 kW – 2100 kWh	750 kW – 2400 kWh
1000 kW – 1500 kWh	1000 kW – 1800 kWh	1000 kW – 2100 kWh	1000 kW – 2400 kWh
1500 kW – 1500 kWh	1500 kW – 1800 kWh	1500 kW – 2100 kWh	1500 kW – 2400 kWh
		2250 kW – 2100 kWh	2250 kW – 2400 kWh
Battery performance	6000 cycles 90%DoD, 0.5C and 4000 cycles 90%DoD, 1C		
System efficiency (round-trip)	> 88%		
Cell Chemistry	Lithium Iron Phosphate LiFePO4		
General data			
Dimensions (L x W x H)	40 ft. 12200x2500x2900 mm		
Ambient temperature	-25... +50°C (extended range upon request)		