



## Data Sheet of 19 Inch Rack Battery Series

- 1) LPBES-864-100-PA,
- 2) LPBES-768-100-PA,
- 3) LPBES-672-100-PA,
- 4) LPBES-576-100-PA,
- 5) LPBES-480-100-PA,
- 6) LPBES-384-100-PA,
- 7) LPBES-288-100-PA,
- 8) LPBES-192-100-PA.

Technical Specifications	LPBES-864-100-PA	LPBES-768-100-PA	LPBES-672-100-PA	LPBES-576-100-PA
Nominal Voltage	864V	768V	672V	576V
Range of Voltage	756~972V	672~864V	588~756V	504~648V
Total Energy	86.4KWh	76.8KWh	67.2KWh	57.6KWh
Cell Type	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)
Rated Charge/discharge power (kW)	43.2	38.4	33.6	28.8
Maximum Charge/continuous discharge power (kW)	86.4	76.8	67.2	57.6
Peak Charge/discharge power (kW)	95(5s)	84.4(5s)	73.9(5s)	63.3(5s)
Standard Charge/Discharge Current	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)
Max. Charge/Discharge Current	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)
Module series	9 pack	8 pack	7 pack	6 pack
installation	19 inch rack type	19 inch rack type	19 inch rack type	19 inch rack type
Dimension(W*D*H)	560mm x720mmx 2200mm	560mm x720mmx 2000mm	560mm x720mmx 1800mm	560mm x720mmx 1600mm
Weight	995±5Kg	869±5Kg	764±5Kg	659±5Kg
Communication	RS485 / CAN	RS485 / CAN	RS485 / CAN	RS485 / CAN
working temperature	0~55℃	0~55℃	0~55℃	0~55℃
Discharge depth (DOD)	80%	80%	80%	80%
IP	20	20	20	20
Cycle Life	≥4000	≥4000	≥4000	≥4000
Warranty	5 Years Warranty	5 Years Warranty	5 Years Warranty	5 Years Warranty

Technical Specifications	LPBES-480-100-PA	LPBES-384-100-PA	LPBES-288-100-PA	LPBES-192-100-PA
Nominal Voltage	480V	384V	288V	192V
Range of Voltage	420~540V	336~432V	252~324V	168~216V
Total Energy	48KWh	38.4KWh	28.8KWh	19.2KWh
Cell Type	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)
Rated Charge/discharge power (kW)	24	19.2	14.4	9.6
Maximum continuous Charge/discharge power (kW)	48	38.4	28.8	19.2
Peak Charge/discharge power (kW)	52.8(5s)	42.2(5s)	31.6(5s)	21.1(5s)
Standard Charge/Discharge Current	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)	50A (0.5C) / 50A (0.5C)
Max. Charge/Discharge Current	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)	100A (1C) / 100A (1C)
Module series	5 pack	4 pack	3 pack	2 pack
installation	19 inch rack type	19 inch rack type	19 inch rack type	19 inch rack type
Dimension(W*D*H)	560mm x720mmx 1400mm	560mm x720mmx 1200mm	560mm x720mmx 1000mm	560mm x720mmx 800mm
Weight	549±5Kg	444±5Kg	339±5Kg	234±5Kg
Communication	RS485 / CAN	RS485 / CAN	RS485 / CAN	RS485 / CAN
working temperature	0~55℃	0~55℃	0~55℃	0~55℃
Discharge depth (DOD)	80%	80%	80%	80%
IP	20	20	20	20
Cycle Life	≥4000	≥4000	≥4000	≥4000
Warranty	5 Years Warranty	5 Years Warranty	5 Years Warranty	5 Years Warranty