Residential ESS— Floor Standing

Model	LDESS-G02-16200	LDESS-S01-16280	LDESS-S02-16314	LDESS-S03-16400
Performance Specification				
Battery Chemistry	($LiFePO_4$)			
Rated Energy	10kWh	14.33kWh (actually more than 15kWh)	16kWh	20kWh
Rated Voltage	51.2V			
Rated Capacity	200Ah	280Ah	314Ah	400Ah
Max. Charging/Discharging Current	100A	150A		100A
Recommended Charging Current	50A	75A		100A
Output Voltage Range	44.8V~57.6V			
Scalability	Max. 63 pcs pack (Max. 645kWh) in parallel	Max. 63 pcs pack (Max. 161kWh) in parallel	Max. 63 pcs pack (Max. 322kWh) in parallel	Max. 63 pcs pack (Max. 1260kWh) in parallel
Efficiency	>98%			
Operating Data				
Operation Temperature	Battery discharge: -20°C～60°C, battery charge: 0°C～50°C			
Storage Temperature	-5°C~35°C			
Humidity	5~95%(No Condensing)			
Altitude	≤3000m			
Display Type	LED/LCD/Touch Screen(Optional)			
Protection Grade	IP20			
Installation	Indoors			
Communication	CAN, RS485			
Cycle Life	≥6000 cycles			
Design Life	>10 years			
Warranty	10 years			
Battery Cell Certification	UL 9540A, IEC 62619, UN 38.3, CE, RoHS			
Packaging Parameters				
Product Dimension L*W*H(mm)	800*486*132	810*233*400		/
Package Dimension L*W*H(mm)	880*565*240	1000*400*500		/
N.W(kg)	/	120	125	/
G.W(kg)	/	130	137	/

*The dimensions are measured when the battery is lying flat.