Integ E Series

The Power Extender

E2BR-S64-112kWh-C

E2BR-S64K/80K/96K/112K-C

- Large-capacity battery cell of 314Ah, high energy density
- 4 levels of fire safety protection
- Air conditioning with heating function
- Pre-maintenance plan, fully modular design
- Combustible gas, smoke and temperature detection, system active exhaust, and fire alarm



E2BR-S64-112K-C

Model		E2BR-S64K-C	E2BR-S80K-C	E2BR-S96K-C	E2BR-S112K-C
System Data					
Battery Module Quantity		4 Packs	5 Packs	6 Packs	7 Packs
System Energy	[kWh]	64.3	80.3	96.4	112.5
System Usable Energy	[kWh]	57.87	72.27	86.76	101.25
Rated Voltage	[V]	204.8	256	307.2	358.4
Operating Voltage Range	[V]	166.4-233.6	208-292	249.6-350.4	291.2-408.8
Max. Charge/Discharge Current	[A]	157			
DOD	[%]	90			
Rated Charge/Discharge Power	[kW]	32/32	40/40	48/48	56/56
Cycle Life		8000@25℃			
General Data					
Dimensions	[W×H×D mm]	1050×2262×1140			
Weight	[KG]	1101	1214	1327	1440
Ingress Protection		IP55			
Anti-corrosion Grade		C4 / C5			
Installation Type		Floor-Mounted / Outdoor			
Operating Temperature Range	[℃]	-20~50			
Relative Humidity	[%]	5~95 RH (Non-condensing)			
Operating Altitude	[m]	3000			
Cooling		Air-conditioner with 2kW Cooling and 2kW Heating			
Noise Level	[dB]	≤70 (TBD)			
Display		LED			
Fire Protection		Aerosol (Optional: Novec1230) / Water			
Communication		CAN/RS485			
Battery Pack Data		**E2BR-B16K**			
Battery Type		LiFePO4/ 314Ah			
Battery Capacity	[kWh]	16.08			
Battery Configuration		1P16S			
Battery Rated Voltage	[V]	51.2			
Battery Voltage Range	[V]	41.6~58.4			
Weight	[KG]	113			
Dimensions	[W×H×D mm]	490×235×819			
Ingress Protection		IP20			
Cooling		Smart Fan Cooling			
Country of Manufacturer		China			

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