

MAXDEPOER



Low Voltage LFP Battery

Product Model

GN48VE

Product Features

Support 1C charge and discharge rate
Flexible capacity options, 10.24kWh to 40.96kWh
Easy installation with modular and stacked design
Remote diagnosis and real-time data monitoring

Electrical Characteristics

Model	GN48VE						
Number of battery	2	3	4	5	6	7	8
Battery capacity (kWh)	10.24	15.35	20.48	25.6	30.72	35.84	40.96
Usable energy (kWh)	9.22	13.82	18.43	23.04	27.65	32.26	36.86
Rated capacity (Ah)	100						
Rated voltage (V)	51.2						
Voltage range (V)	44.8-57.6						
Max. charge and discharge rate	1C						
Cycle times	80% DOD, cycles>6000, residual capacity>70%						
Communication	RS485/CAN 2.0						
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit						
Dimension (mm)	620*365*406	620*365*545	620*365*648	620*365*823	620*365*962	620*365*1101	620*365*1240
Weight (kg)	102	149	196	243	290	337	384
Installation	Indoor						
Operating temperature	0 C~50 C						
Optimum working temperature	20 C~30 C						
Storage temperature	-15 C~60 C						
Humidity	5%-95%						
Cooling strategy	Natural						
Enclosure protection rating	IP20						
Altitude(m)	<2000						
Certificate	CE, UN38.3, TUV mark						