

**MAXDEPOER**



# High Voltage LFP Battery

## Product Model

**GNHVE**

## Product Features

Original battery active balance technology  
Flexible capacity options, 10.24kWh to 25.6kWh  
Easy installation with modular and stacked design  
Remote diagnosis and real-time data monitoring

## Electrical Characteristics

Model	GNHVE				
Number of battery	2	3	4	5	6
Battery capacity (kWh)	5.12	7.68	10.24	12.8	15.36
Usable energy (kWh)	4.6	6.9	9.2	11.52	13.8
Rated voltage (V)	102.4	153.6	204.8	256	307.2
Voltage range (V)	89.6-115.2	134.4-172.8	179.2-230.4	224-288	268.8-345.6
Rated capacity (Ah)	50				
Charge current (A)	25 (Recommended) /50 (MAX)				
Discharge current (A)	25 (Recommended) /50 (MAX)				
Cycle times	80%DOD, cycles>6000, residual capacity>70%				
Communication	RS485/RS232/CAN 2.0				
Protection function	Overvoltage, undervoltage, overtemperature, low temperature, overcurrent, short circuit				
Size [W x H x D, mm]	851*255*358	851*255*488	851*255*618	851*255*748	851*255*878
Weight [kg]	72	104	136	168	200
Installation	Indoor				
Operating temperature	-10 C ~55 C				
Optimum operating temperature range	20 C ~30 C				
Storage temperature	-30 C ~60 C				
Protection class	IP20				
Operating humidity	5%-95% ( No condensation )				
Altitude	≤2000				
Cooling	Natural				
Certificate	TUV、CE、UN38.3				

Model	GNHVE			
Number of battery	7	8	9	10
Battery capacity (kWh)	17.92	20.48	23.04	25.6
Usable energy (kWh)	16.13	18.4	20.7	23
Rated voltage (V)	358.4	409.6	460.8	512
Voltage range (V)	313.6-403.2	358.4-460.8	403.2-518.4	448-576
Rated capacity (Ah)	50			
Charge current (A)	25 (Recommended) /50 (MAX)			
Discharge current (A)	25 (Recommended) /50 (MAX)			
Cycle times	80%DOD, cycles>6000, residual capacity>70%			
Communication	RS485/RS232/CAN 2.0			
Protection function	Overvoltage, undervoltage, overtemperature, low temperature, overcurrent, short circuit			
Size [W x H x D, mm]	851*255*1008	851*255*1138	851*255*1268	851*255*1398
Weight [kg]	232	264	296	328
Installation	Indoors			
Operating temperature	-10 C ~55 C			
Optimum operating temperature range	20 C ~30 C			
Storage temperature	-30 C ~60 C			
Protection class	IP20			
Operating humidity	5%-95% ( No condensation )			
Altitude	≤2000			
Cooling	Natural			
Certificate	TUV、CE、UN38.3			