



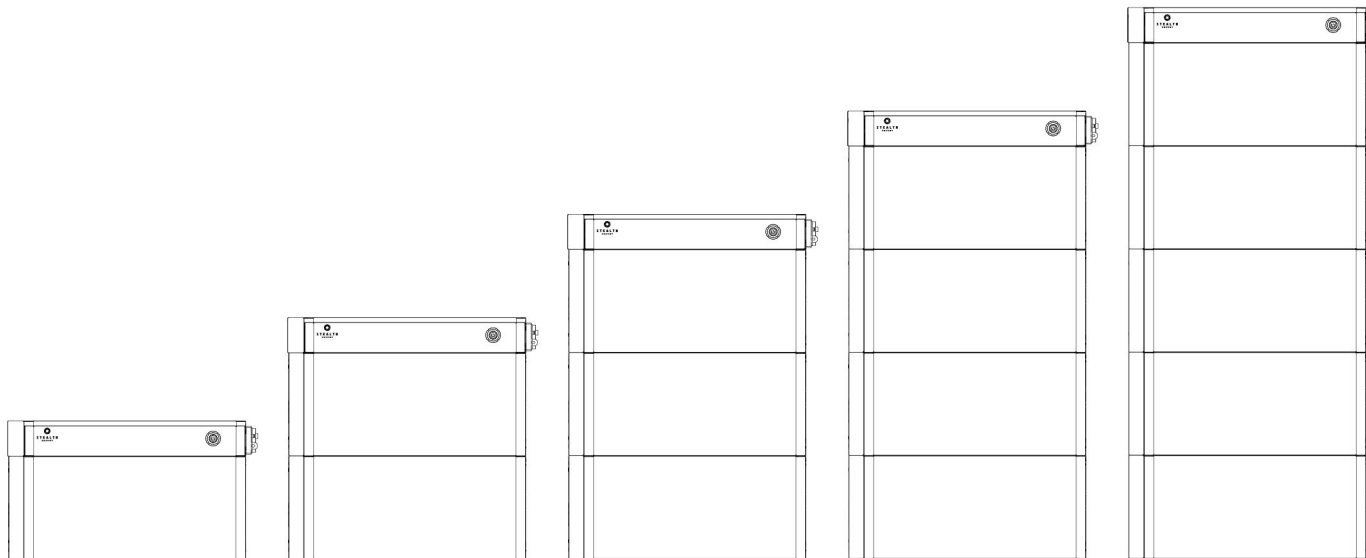
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## **SP-HEHV27 Series Datasheet**



Product Model		SP-HEHV27 Series				
Module(s)		1	2	3	4	5
System Model		SP-HE10227-H	SP-HE20427-H	SP-HE30727-H	SP-HE40927-H	SP-HE51227-H
Battery Module Model		SP-HE10227				
Battery Type		LFP				
System Capacity(kWh)		2.76	5.53	8.29	11.05	13.82
Voltage Range (Vdc)		80~115.2	160~230.4	240~345.6	320~460.8	400~576
Nominal Voltage(Vdc)		102.4	204.8	307.2	409.6	512
Charge/Discharge Current(A)	Recommend	27				
	Max	30				
	Peak@15s	33				
Nominal Power (W)		2160	4320	6480	8640	10800
Max. Short-circuit Current(Vdc)		1440				
Dimension(mm)	W	640±5				
	D	220±5				
	H	380±5	660±5	940±5	1220±10	1500±10
Weight (kg)		35±1	66±1	96±1	127±1	157±1
Depth of Discharge		95%				
Communication Port		RS485/CAN				
Protection Class		IP65				
Working temperature		0℃~45℃				
Storage temperature		Recommend: -10℃~30℃				
Humidity		5~95%				
Altitude		<2000m				
Warranty period		10Years (25℃)				
Cycle Life		10000 (25℃)				
Certificate		IEC62619/CE/UN38.3				

\*Unpacked products can be stored at an ambient temperature of -20~60℃, but there will be capacity attenuation during high-temperature storage.