HIGH-VOLTAGE
RESIDENTIAL ESS

High Efficiency
Reduces energy loss, perfect for long-distance transmission and heavy-duty applications .

Advanced Safety
Higher standards fulfilled for safely managing high energy outputs .

Safe and Reliable
Long life-cycle guaranteed & Optimal ROI .

Intelligent Control
AI- Driven algorithm supports better return and longer life span .



GREEN, EFFICIENT AND SMART

Force-H3

Maximum Scalability

Flexible & Easy Installation

Higher Density & Efficiency

Remote Maintenance



Module 2 3 4 5 6 7

Battery Module	FH10050					
Nominal Voltage (VDC)	102.4					
Battery Module Capacity (kWh)	5.12					
Battery System Capacity (kWh)	10.24	15.36	20.48	25.6	30.72	35.84
Usable Capacity （kWh)	9.69	14.73	19.48	24.32	29.17	34.01
Battery System Voltage(VDC)	204.8	307.2	409.6	512	614.4	716.8
Dimension (W*D*H mm)	540*350*530	540*350*700	540*350*870	540*350*1040	540*350*1210	540*350*1380
Weight (kg)	92	131	170	209	248	287
Depth of Discharge	95%					
Charge/ Discharge (A) (Normal)	50					
Charge/ Discharge (A) (Max)	55@15MIN					
Communication port	Modbus RTU/CAN					
Multi-group	Max 6 groups in parallel					
IP rating	IP65					
Working Temperature/ (℃) Charge	-10~55					
Storage Temperature/ (℃)	-20~45					
Humidity (RH)	5%~95% No condensation					
Altitude (m)	<4,000					
Design life (@25℃)	15+Years					
Cycle life (@25℃)	>8,000					
Certification	IEC62040-1/IEC62477-1/IEC62619/IEC63056/UL1973/UL9540A/UL9540B/UN38.3/VDE-AR-E 2510-50					