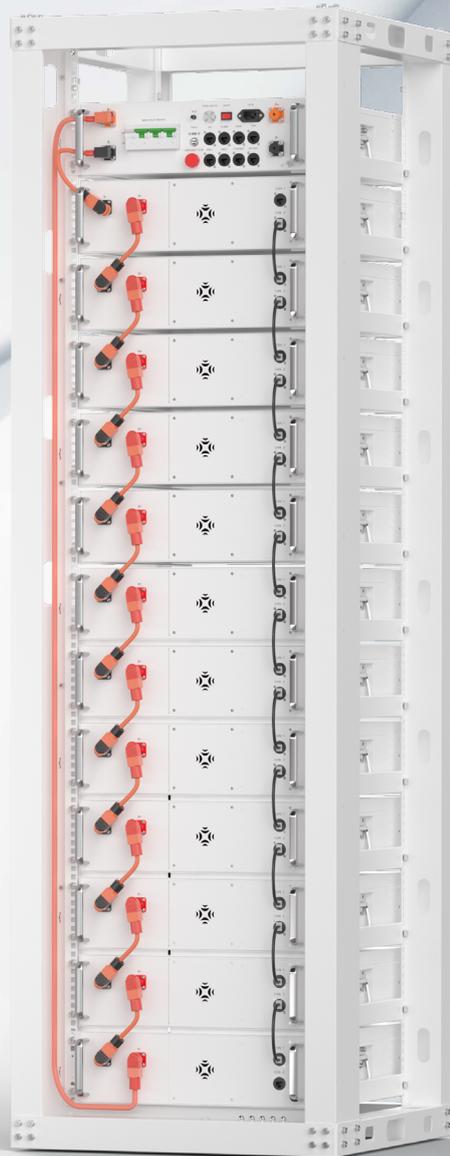


# Power Swift Series

AI-Powered Battery Safety Detection and Customer Service



- ✓ Max. 10 Sets in Parallel
- ✓ Advanced BMS Control for Superior System Management
- ✓ Automatic Master-Slave Recognition for Seamless Integration
- ✓ Multi-Parallel Configuration across Battery Clusters
- ✓ Comprehensive Communication Interface for Inverters and EMS

## Battery Module



Model	H051100-A
C-rate	1C
Max. Charge / Discharge Current	100 A
Operating Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Humidity	5% to 95% (non-condensing)
IP Rating	IP20
Weight	~99.2 lbs / ~45 kg
Dimensions (H x W x D)	132x440x530 mm (±5) 5.20*17.32*20.87 in (±5)

## Control Box



Model	HVC-0750-100-C2A
Max. Current	100 A
Max. Voltage	750 V
Communication	CAN / RS485 / LAN
Operating Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F
IP Rating	IP20
Weight	~48.5 lbs / ~22 kg
Dimensions (H x W x D)	132x440x530 mm (±5) 5.20*17.32*20.87 in (±5)

## System Parameters

Cell Type	LiFePO4						
Model	PSEA-H1 -30K	PSEA-H1 -35K	PSEA-H1 -40K	PSEA-H1 -45K	PSEA-H1 -50K	PSEA-H1 -55K	PSEA-H1 -60K
Battery Module Quantity	6	7	8	9	10	11	12
Rated Voltage (Vdc)	307.2	358.4	409.6	460.8	512.0	563.2	614.4
Rated Capacity	100 Ah						
Max. Parallel Quantity	10 sets, 610 kWh						
Rated Current (Recommended)	50 A, 0.5C						
Max. Continuous Discharge Current	100 A, 1C						
Dimensions (W*D*H), without Feet	630*655*2,070 mm (±5) / 24.80*25.79*81.50 in (±5)						
Operating Temperature	Charge: 0 °C ~ 55 °C / 32 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F						
Storage Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F						
Altitude	< 3,000 m / 9,843 ft						
Communication	CAN / RS485 / ETH / Dry Contact						
Cycle Life	6,000 cycles						
Warranty <sup>[1]</sup>	10-Year						
IP Rating	IP20						
Certification	TUV / IEC 62619 / CE-IEC 61000 / UN 38.3						

[1] Working condition: 0.5C @ 25 °C, 90% DoD.