

Residential BESS Solution

# 5/10/15kWh Wall-mounted



OTA on line



Smart CRM  
Build on distributor side



Smart touch LCD  
Easy to choose BMS



Easy installation, easy parallel connection,  
Support to 16 units home storage in parallel



Compatible with over 20+ inverter brands,  
Growatt, Voltronic, Schneider, Victron,  
GoodWe, GINLONG, SMA, PYLON, Sorotec

Model	HC5W	HC10W	HC15W
AC			
Compatible Inverter Power	5kW (For Single Module)	5kW (For Single Module)	7kW (For Single Module)
Max Charge Current	100A	100A	200A
Max Continuous Discharge Current	100A	150A	150A
Rated Voltage	51.2V	51.2V	51.2V
Recommended Charge Voltage	57.6V	57.6V	57.6V
Monitoring and Protection	Each Battery has Smart BMS, Breaker		
Battery			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Cell	100Ah	200Ah	280Ah
Balancing Starting Voltage	3.4V/Cell		
Resistance	$\leq 45\text{ m}\Omega$ @ 50% 50C		
Scalability	Up to 16 Units, Suggest 8 Units Max		
Voltage Range	43.2-57.6V		
Rated Capacity	5120Wh	10240Wh	14336Wh
System			
Weight	56kg	98kg	145Kg
Dimensions (W/D/H)	550*165*480mm	550*236*699mm	905*630*236mm
Maximum Efficiency	> 96%		
Protection Level	IP65		
Anti-corrosion Rating	C3+Class Anti-corrosion Battery Housing		
Terminal Type	Quick Connector		
Discharge Temperature	-20-60°C		
Charge Temperature	0-45°C		
Display	LCD		
Communication	CAN/RS485	CAN/RS232/RS485	CAN/RS232/RS485
Certification	CE/IEC62619/CEI-021/UN38.3/MSDS	CE/UN38.3/MSDS	CE/UN38.3/MSDS
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/ SMA/Victron/SOROTEC/MUST/etc.		
Depth Of Discharge	90%DOD		
Cycle Life	$\geq 6000$ Cycles		