

Datasheet (PACK)						
MODEL	HEC2-BHP50r2	HEC2-BHP100r2	HEC2-BHP150r2	HEC2-BHP200r2	HEC2-BHP200r2-A	HEC2-BHP300r2
Component	Base+BMS+1*Module	Base+BMS+2*Module	Base+BMS+3*Module	Base+BMS+4*Module	2*(Base+BMS+2*Module)	2*(Base+BMS+3*Module)
Nominal Voltage[V]	102.4	204.8	307.2	409.6	204.8	307.2
Charge Cut-off Voltage[V]	116.8	233.6	350.4	467.2	233.6	350.4
Discharge Cut-off Voltage[V]	80	160	240	320	160	240
Number of Battery Module	1	2	3	4	4	6
Nominal Capacity[Ah]	50	50	50	50	100	100
Total Energy[kWh]	5.1	10.2	15.3	20.4	20.4	30.6
Usable Energy[kWh] (@25°C, 0.5C, 2.8V to 3.6V)	5	10	15	20	20	30
Nominal power [kW]	2.56	5.12	7.68	10.24	10.24	15.36
Nominal charge/discharge current[A]	25				50	
Max. charge/discharge current[A]	25				50	
Cycle life	6000 Cycles (@0.5C,98%DOD,25°C,70%SOH)					
Expected life time	10 Years (70%SOH)					
Operating Ambient Temperature range[°C]	-20 to 55 (derating above 45°C)					
Humidity	0~95%					
Altitude[m]	Below 2000m					
Protection	IP65					
System to Inverter	RS485/CAN2.0					
Battery to battery / BMS	Daisy chain					
Display Interface	LED					
Switch on/off	Button*1+Breaker*1				2*(Button*1+Breaker*1)	
Certificate	CE ,IEC 62619,IEC 62040,IEC 60529,IEC 61000,UN 38.3					
Hazardous materials classification	Class 9					
Weight[kg]	69±4	124±6	179±8	234±10	248±12	358±16
External dimensions(W*H*D) (mm)	(800±20) * (530±30) * (160±20)	(800±20) * (840±30) * (160±20)	(800±20) * (1150±30) * (160±20)	(800±20) * (1460±30) * (160±20)	(1600±20) * (840±30) * (160±20)	(1600±20) * (1150±30) * (160±20)
Remark	1 Series				2 Series Parallel	