

Name	HEC2-BHP50r2	HEC2-BHP100r2	HEC2-BHP150r2
Model	BHP50r2	BHP100r2	BHP150r2
Series Name	HEC2		
Component	Base+BMS+1*Pack	Base+BMS+2*Pack	Base+BMS+3*Pack
Voltage[V]	102.4	204.8	307.2
Recommend operating voltage range[V] (@90%DOD)	92.8-112	185.6-224	278.4-336
Battery Pack	Pack*1	Pack*2	Pack*3
Nominal capacity[Ah]	50	50	50
Total energy[kWh]	5.1	10.2	15.3
Usable energy[kWh] (@90%DOD)	4.59	9.18	13.77
Battery roundtrip efficiency	94%	94%	94%
Nominal power [kW]	2.56	5.12	7.68
Nominal charge/discharge current[A]	25		
Cycle life	6000 Cycles (60%)		
Expected life time	10 Years (60%)		
Available discharge/charge temperature range[°C]	-20 to 55 (derating at 45) / 0 to 55(derating at 45) -20 to 55 (derating at 45) / -20 to 55(derating at 45, build-in heating function Optional)		
Storage temperature[°C]	0 to 40 (6 months)		
Humidity	15~95%		
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		
Certificate	CE,IEC62619,IEC62040,IEC60529,IEC61000,UN38.3,UL1973		
Hazardous materials classification	Class 9		
Weight[kg]	75±3	130±5	185±7
External dimensions(W*H*D) (mm)	800±20*610±30* 160±20	800±20*920±30* 160±20	800±20*1230±30*160±20
<b>Remark</b>	1 Series Made in China		

Name	HEC2-BHP200r2	HEC2-BHP200r2-A
Model	BHP200r2	BHP200r2-A
Series Name	HEC2	
Component	Base+BMS+4*Pack	2* (Base+BMS+2*Pack)
Voltage[V]	409.6	204.8
Recommend operating voltage range[V] (@90%DOD)	371.2-448	185.6-224
Battery Pack	Pack*4	Pack*4
Nominal capacity[Ah]	50	100
Total energy[kWh]	20.4	20.4
Usable energy[kWh] (@90%DOD)	18.36	18.36
Battery roundtrip efficiency	94%	94%
Nominal power [kW]	10.24	10.24
Nominal charge/discharge current[A]	25	50
Cycle life	6000 Cycles (60%)	
Expected life time	10 Years (60%)	
Available discharge/charge temperature range[°C]	-20 to 55 (derating at 45) / 0 to 55(derating at 45)	
Storage temperature[°C]	0 to 40 (6 months)	
Humidity	15~95%	
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	
Certificate	CE,IEC62619,IEC62040,IEC60529,IEC61000,UN38.3,UL1973	
Hazardous materials classification	Class 9	
Weight[kg]	240±9	260±10
External dimensions(W*H*D) (mm)	800±20*1540±30*160±20	1600±20*920±30*160±20
Remark	1 Series	2 Series Parallel
	Made in China	

Name	HEC2-BHP300r2	HEC2-BHP400r2
Model	BHP300r2	BHP400r2
Series Name	HEC2	
Component	2*(Base+BMS+3*Pack)	2*(Base+BMS+4*Pack)
Voltage[V]	307.2	409.6
Recommend operating voltage range[V] (@90%DOD)	278.4-336	371.2-448
Battery Pack	Pack*6	Pack*8
Nominal capacity[Ah]	100	100
Total energy[kWh]	30.6	40.8
Usable energy[kWh] (@90%DOD)	27.54	36.72
Battery roundtrip efficiency	94%	94%
Nominal power [kW]	15.36	20.48
Nominal charge/discharge current[A]	50	
Cycle life	6000 Cycles (60%)	
Expected life time	10 Years (60%)	
Available discharge/charge temperature range[°C]	-20 to 55 (derating at 45) / 0 to 55(derating at 45)	
	-20 to 55 (derating at 45) / -20 to 55(derating at 45, build-in heating function Optional)	
Storage temperature[°C]	0 to 40 (6 months)	
Humidity	15~95%	
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	
Certificate	CE,IEC62619,IEC62040,IEC60529,IEC61000,UN38.3,UL1973	
Hazardous materials classification	Class 9	
Weight[kg]	370±14	480±18
External dimensions(W*H*D) (mm)	1600±20*1230±30*160±20	1600±20*1540±30*160±20
Remark	2 Series Parallel	
	Made in China	