



Hiconics Eco-energy Drive Technology Co., Ltd.
 No.3 Boxing 2nd Road, Economic and Technological Development Zone,
 100176, Beijing, P.R. China
 Tel: +86 10 5918 0033 Email: hiconics_service@midea.com

MODEL	MD-BS5.0-HSST	MD-BS10.0-HSST	MD-BS15.0-HSST	MD-BS20.0-HSST	MD-BS30.0-HSST
Component	Base+BMS+1*Module	Base+BMS+2*Module	Base+BMS+3*Module	2*(Base+BMS+2*Module)	2*(Base+BMS+3*Module)
Nominal Voltage[V]	102.4	204.8	307.2	204.8	307.2
Charge Cut-off Voltage[V]	116.8	233.6	350.4	233.6	350.4
Discharge Cut-off Voltage[V]	80	160	240	160	240
Number of Battery Module	1	2	3	4	6
Nominal Capacity[Ah]	50	50	50	100	100
Total Energy[kWh]	5.1	10.2	15.3	20.4	30.6
Usable Energy[kWh] (@25°C, 0.5C, 2.8V to 3.6V, 98%DOD)	5	10	15	20	30
Nominal power [kW]	2.56	5.12	7.68	10.24	15.36
Max. charge/discharge power [kW]	2.56	5.12	7.68	10.24	15.36
Nominal charge/discharge current[A]	25			50	
Max. charge/discharge current[A]	25			50	
Cycle life	6000 Cycles (@0.5C,90%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	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)	(1600±20) * (840±30) * (160±20)	(1600±20) * (1150±30) * (160±20)
Remark	1 Series			2 Series Parallel	
Country of manufacture	P. R. China				

Importer Information

Name: Midea Electronics Australia Co Pty Ltd
 Add: Suite Level 12, 600 St Kilda Road Melbourne VIC 3004, Australia
 TEL: +61 1800 511 806