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model	HBD-100-200	HBD-300-600	HBD-500-1000	HBD-1000-2000	BCH-250-500	BCH-500-1000
Integrated charger	no	no	no	no	yes	yes
Indicative price (DAP EU)	95 000,00 €	175 000,00 €	335 000,00 €	617 000,00 €	238 000,00 €	415 000,00 €

**GENERAL INFORMATION**





Rated Output Power@25°C	100kW	300kW	500kW	1000kW	250kW	500kW
Rated Output Voltage	400V@50Hz,3ph.	400V@50Hz,3ph.				
Battery Storage Capacity	200.7kWh	602kWh	1003.5kWh	2007.04kWh	491.5kWh	1003.5kWh
Loading Dimension(L*W*H)	2250*1900*2010mm	3950*2250*2250mm	20°GP	40°GP	20°GP	20°HC
Weight	3850kg	11,000kg	18t	30t	13t	20t
Operating Temperature Range	-20~50°C(> 45°C derating)					
Max altitude	3000m(> 2000m derating)					

**BATTERY**

Cell Type	LFP(LiFePO4)					
Pack Model	MF51280			MF51320	MF51280	
Pack Capacity	14.336kWh			16.384kWh	14.336kWh	
Pack Rated Voltage	51.2VDC					
Cyclic Life	6000(0.5C@90%DOD)					
Charger/Discharge Current	140A(0.5C)			160A(0.5C)		
Battery Voltage of Rack	358.4VDC	716.8VDC			768VDC	716.8VDC
Connection of Rack	7S2P	14S3P	14S5P	14S10P	15S2P	14S5P

**PCS**

Battery Voltage Range	150~750VDC	580~1000VDC	600~900VDC			
Max. Current (AC)	159 A	435A	794A		397A	794A
Max. Output Power	110 kW	360kW (1 minute)	550kW	1100kW	275kW	550kW
Rated Output Power	100 kW	300kW	500kW	1000kW	250kW	500kW
Rated Voltage	400 Vac					
Rated Frequency Range	50/60Hz(±2.5Hz)					
PF	1 lagging~1 leading					
AC Connection	3W+N+PE					
Max. Efficiency	97.3%	99%	98.2%			
Transformer	Optional					
Communication	CAN/RS485/Ethernet/WIFI	CAN/RS485/Ethernet	CAN/RS485/Ethernet/WIFI			
Grid-tied Certificates	EN50549, AS4777.2, VDE4105, G99, IEEEl547, NB/T 32004	EN50549	CE LVD IEC 62477, CE EMC IEC 61000			
Safety Certificates	IEC62109, NB/T 32004, UL1741	IEC62477				
EMC Certificates	IEC61000, NB/T 32004	IEC61000				

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<b>DC EV CHARGER</b>						
Connector Type	CCS	CCS	CCS	CCS	CCS2 + CCS2	CCS2 400 A (Air Cooled) + 400 A (Air Cooled)
Connector Cable Length						5m
Charger Output Voltage						DC 150 ~ 1000 V
Max. Charger Output Current	120kW (60kW/60kW), max 120kW per one connector	240kW (120kW/120kW), max 240kW per one connector	360kW (180kW/180kW), max 360kW per one connector	700kW-900kW	200A (Air Cooled) + 200A (Air Cooled)	Single Connector Only: 400 A (360 kW), Dual Connectors Simultaneous: 400 A (180 kW) + 400 A (180 kW)
<b>AC EV CHARGER (Optional)</b>						
Connector Type						22kW, IEC Type 2
Connector Cable Length						3m
Charger Output Voltage						400V@50Hz,3ph
Max. Charger Output Current						32A
<b>COOLING SYSTEM</b>						
Cooling type						HVAC
Operation Mode						Refrigeration and heating
<b>FIRE PROTECTION</b>						
Type	Aerosol (CE)					Novec™ 1230
<b>EMS</b>						
Display and Monitor						Local screen/APP/Web
Function						Energy management and coordinated control of energy storage system
<b>CERTIFICATION</b>						
  						

Indicative price includes transport to destination, installation and operator training.

Delivery times today are max 2 months production + max 2 months shipping

Payment terms 30% deposit upon ordering, 50% upon handover to the carrier from the factory and 20% upon handover and installation at the customer's site

Terms of warranty and post-warranty service are negotiated individually according to the conditions and needs of the customer

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www.ecocharge.cz

info@ecocharge.cz