

BCube[®] Compact 2.0



Power:
92 kW- 150 kW*

Capacity:
233 kWh - 292 kWh



+36% available energy

-24% footprint

+20% savings in auxiliary consumption

Compatible with different inverters and DC couplings



**Modularity &
Flexibility**



Plug&Play

**Quick and Easy
Installation**



**Expert and Accesible
Support and Advice**



**EMS-BHive©
Integrado**



**Reinforced
Security**



**24/7 Monitoring
with alarms**

Datasheet BCube Compact 2.0

BATTERY

	233k	292k
Nominal Capacity	233 kWh	292 kWh
Corriente Nominal	146 A	
Maximum Current		
Nominal Voltage	799 Vdc	1000 Vdc
Voltage Range (CC)	670 Vdc - 907 Vdc	837 Vdc - 1134 Vdc
Chemistry	NMC	
Module Interconnection	Series	
DoD	90%	
Estimated Cycle Life 0.5C/85% DoD/25°C	>7000 cycles	

ENCLOSURE

Weight	2300 kg	2500 kg
Dimensions (Height x Width x Depth)	2482 X 1040 X1420 mm	
IP Rating	IP55	

GENERAL SPECIFICATIONS

Operating Temperature	-30°C, +50°C
Relative Humidity	0 – 100%
Corrosion Grade	C4
Storage Temperature Range	-5°C, +30°C
Pollution Degree Requirement	PD3 - Outdoor
Battery Management System	SIL 2 (IEC 61508)
Energy Management System	BHive® integrated
EMC Category	A
Installation	Indoor and Outdoor
Fire Suppression System	Smoke and Heat Detector, Condensed Aerosol, Alarm, Water-based Fire Suppression Backup
Advanced Security	Gas Leak Detector, Relief Panel and BHive® for Advanced Monitoring
Auxiliary Power Supply	UPS >30 min
Cooling System	Smart HVAC Controller, R513a
Communications Interface	CAN Bus, Modbus TCP, OPC UA
Connectivity	Ethernet

STANDARDS AND CE MARKING

Batería	IEC 62619:2022 UN38.3
EMC 2019/30/UE	IEC61000-6-2, IEC61000-6-4
Baja tensión 2014/35/UE	IEC 62040-1
Exigencias reglamento (UE) 2023/1542	Art 10, 12, 14, 18 y 73