



INDUSTRIAL ⚡ HIGHVOLTAGE

RACK HIGH VOLTAGE MODULE
140 Ah 51.2 Vdc





Lithium Energy
Storage System

7K2



HV STRING CONTROL UNIT RACK 19" 4U



Voltage Working Range	150-1000Vdc
Nominal Current	200A _{dc} (Peak 400)
Communication	CAN RS485 RS232 WiFi Bluetooth
Master Slave Connectivity	1 to 10
Remote Control and Monitoring	 

HV BATTERY RACK MODULE 19" 4,5U



Voltage Working Range	48-57.6
Nominal Current	140
Capacity	140Ah
String Serial Connection	4-17



WeCo Srl Italia
Viale Kennedy 113/121 Scarperia Firenze
Zip Code 50038
Italia



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7K2 HV MODULE RACK	19" 4.5U RACK
Module Application	Serial Connection High Voltage
Usable Energy (kWh)	7,2
C-Rate	1C
Cell Capacity (Ah)	140
Max Output Power (kW)	7,2 kW
Peak Output Power (kW)	14,4kW
Min Modules in Serial Connection	4
Module Voltage Range (Vdc)	48-57.6
String Voltage (Vdc)	192-979.2
Dimensions (mm) WxHxL	L430x178x540
Net Weight (Kg)	78.5
Depth of Discharge	97.8%
Protection Class	IP30
Charging Temp. (°C)	-10 +50
Discharg. Temp. (°C)	-20 + 57
Storage Temp. (°C)	-20 +60
Design Life	10 Year (25°C)/8000 Cycles
STC Test	90% DoD 0.5C @ 25°C
Branching	10 Towers
Communication	Ethernet, CAN, RS485, RS232. WiFi, Bluetooth



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OUTDOOR CABINET 86/122kWh

Climacontrol and Fire Suppression System



CABINET CAPACITY kWh	MODULES IN SERIAL n°	VOLTAGE RANGE Vdc
86,4	12	576.0-691.2
93,6	13	624.8-748.8
100,8	14	672.0-806.4
108,0	15	720.0-864.0
105,2	16	768.0-921.6
122,4	17	816.0-979.2



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