



INDUSTRIAL ⚡ HIGHVOLTAGE

RACK HIGH VOLTAGE MODULE
280Ah 51.2 Vdc





Lithium Energy
Storage System

14K3



HV STRING CONTROL UNIT RACK 19" 5U



Voltage Working Range	150-1000Vdc
Nominal Current	350A dc (Peak 700)
Communication	CAN RS485 RS232 WiFi Bluetooth
Master Slave Connectivity	1 to 10
Remote Control and Monitoring	 

HV BATTERY RACK MODULE 19" 5U



Voltage Working Range	48-57.6
Nominal Current	280
Capacity	280Ah
String Serial Connection	4-16



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



INDUSTRIAL HIGH VOLTAGE



14K3	HV MODULE RACK	19'' 5U RACK
Module Application		Serial Connection High Voltage
Usable Energy (kWh)		14,3
C-Rate		1C
Cell Capacity (Ah)		280
Max Output Power (kW)		14.3Kw
Peak Output Power (kW)		28.6kW
Min Modules in Serial Connection		4
Module Voltage Range (Vdc)		48-57.6
String Voltage (Vdc)		192-979.2
Dimensions (mm) WxHxL		L430x220x590
Net Weight (Kg)		90.1
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 171/243kWh

Climacontrol and Fire Suppression System



CABINET CAPACITY kWh	MODULES IN SERIAL n°	VOLTAGE RANGE Vdc
171.6	12	576.0-691.2
185.9	13	624.8-748.8
200.2	14	672.0-806.4
214.5	15	720.0-864.0
228.3	16	768.0-921.6
243.1	17	816.0-979.2



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