



Lithium Energy Storage System 14k3

5U HV MODULE RACK 19" 5U RACK	
Module Application	Series Connection High Voltage
Usable Energy(kWh)	14,3
Standard C-Rate	0.5C
Max C -Rate	1C
Cell Capacity(Ah)	280
Max Output Power(kW)	14.3kW
Peak Output Power(kW)	28.6kW
Min/ Max Modules in Serial Connection	4 -17
Module Voltage Range (Vdc)	48-57.6
String Voltage (Vdc)	192-979.2
Dimension (mm)WxHxL	L430x240x950
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	10Year(25°C)/7000 Cycles
Standard Usage (STC conditions)	90% DoD 0.5C @ 25°C
Branching	10 Towers(2431 kWh)
Communication	Ethernet, CAN, RS485, RS232 (WiFi, Bluetooth Opt)



HV STRING CONTROL UNIT RACK 19"	
Voltage Working Range	150-1000Vdc
Nominal Current	350Adc
Communication	CAN RS 485 RS232 WiFi Bluetooth
Master Slave Connectivity	1 to 10



HV BATTERY RACK MODULE 19"	
Voltage Working Range	48-57.6
Nominal Current	280
Capacity	280Ah
StringSeries Connection	4-17



OUTDOOR CABINET 171~ 243kWh

Cabinet Capacity Kwh	Modules In Series 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

