SRNE



NEW
BEST QUALITY

SR- Ket90C/105C/120C/135C
SR- Ket150C/165C/180C/195C
96.5~209kWh
Lithium Battery Energy Storage

PRODUCT FEATURE

Tuya cloud platform

Equipped with WIFI and Bluetooth communication, it supports Tuya cloud platform and can view battery information remotely.

Triple protection

Positive Relay + Negative Relay + Breaker, Adopting redundant design to ensure control safety.

Higher safe performance and longer cycle life

Cathode material is made from LiFePO4 with safety performance and long cycle life.

Flexible Installation

Quick installation standard of 19- inch embedded designed module is comfortable for installation and maintenance.

Intelligent BMS

It has protection functions including over- discharge, over- charge, over- current andover- high or low temperature.The system can automatically manage charge and discharge state and balance current and voltage of each cell.

Flexible configuration

Multiple battery modules can be in parallel forexpanding capacity and power.

Powered by tuya

V1.0

Battery System Module	SR-Ket90C	SR-Ket105C	SR-Ket120C	SR-Ket135C
Battery Module Qty in series	6	7	8	9
System Nominal Voltage (V)	307.2	358.4	409.6	460.8
System Operating Min.Voltage (V)	268.8	313.6	358.4	403.2
System Operating Max.Voltage (V)	345.6	403.2	460.8	518.4
System Energy (kWh)	96.5	112.5	128.6	144.7
System Usable Energy (kWh)	91.6	106.9	122.2	137.5
Recommend Charge/Discharge Current (A)	150/150			
Max Charge/Discharge Current (A)	200/200			
Peak Discharge (3S,25℃) (A)	220/220			
Installation Location	Rack Mounting			
Recommend Depth of Discharge	⩽95%			
Cycle Life	6000 (25℃,0.5C/0.5C,EOL70%)			
Display Type	LED+Touch LCD			
Triple Protection	Positive Relay + Negative Relay + Breaker			
Number of Main CircuitRelays	3			
Heat Dissipation	Fan cooling			
Certification	UN38.3/CE/CE-EMC			
Working Temperature (℃)	Charge:0~55℃/Discharge:-20~55℃			
Storage Temperature (℃)	0~35℃			
Communicaton Port	RS485/CAN/WiFi			
Humidity (RH)	5%~80%			
Altitude (m)	⩽3000			
IP Rating of Enclosure	IP20			
Noise (dB)	＜50			
Dimensions (WxDxH,mm)	840*590*2095	840*1190*2095		
Weight Approximate (kg)	867.5	989.5	1111.5	1233.5
Cover An Area (m*m)	0.84*0.59	0.84*1.19		



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Battery System Module	SR-Ket150C	SR-Ket165C	SR-Ket180C	SR-Ket195C
Battery Module Qty in series	10	11	12	13
System Nominal Voltage (V)	512	563.2	614.4	665.6
System Operating Min.Voltage (V)	448	492.8	537.6	582.4
System Operating Max.Voltage (V)	576	633.6	691.2	748.8
System Energy (kWh)	160.8	176.8	192.9	209
System Usable Energy (kWh)	152.7	168	183.3	198.5
Recommend Charge/Discharge Current (A)	150/150			
Max Charge/Discharge Current (A)	200/200			
Peak Discharge (3S,25℃) (A)	220/220			
Installation Location	Rack Mounting			
Recommend Depth of Discharge	⩽95%			
Cycle Life	6000 (25℃,0.5C/0.5C,EOL70%)			
Display Type	LED+Touch LCD			
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Storage Temperature (℃)	0~35℃			
Communicaton Port	RS485/CAN/WiFi			
Humidity (RH)	5%~80%			
Altitude (m)	⩽3000			
IP Rating of Enclosure	IP20			
Noise (dB)	＜50			
Dimensions (WxDxH,mm)	840*1190*2095			
Weight Approximate (kg)	1355.5	1477.5	1599.5	1721.5
Cover An Area (m*m)	0.84*1.19			



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PDU Module	SR-PDU200C
Rated Voltage (V)	850
Rated Current (A)	250
Operating Voltage (V)	100~850
CAN Communication	2
Relay Control	3
LCD Screen (inch)	4.3
Breaker (A)	300
Relay (A)	250
Fuse (A)	315
Precharge Relay (A)	50
Precharge Resistance (W/Ω)	200/100
External DC input port (V)	24
Dimensions (WxDxH,mm)	608*504*253
Weight Approximate (kg)	17.5



Battery Pack Module	SR-HOF16B
Battery Type	LiFePO4
Battery Energy (kWh)	16.08
Rated Voltage (V)	51.2
Rated Capacity (Ah)	314
Recommend Charge/Discharge Current (A)	150/150
Max Charge/Discharge Current (A)	200/200
Peak Discharge (3S,25℃) (A)	220/220
Installation Location	Rack Mounting
Recommend Depth of Discharge	⩽95%
Cycle Life	6000 (25℃,0.5C/0.5C,EOL70%)
Heat Dissipation	Fan Cooling
Working Temperature (℃)	Charge:0~55℃/Discharge:-20~55℃
Storage Temperature (℃)	0~35℃
IP Rating of Enclosure	IP20
Dimensions (WxDxH,mm)	750*504*253
Weight Approximate (kg)	120



Single cluster standard rack	SR-Rack-7B
Single cluster standard rack size (WxDxH,mm)	840*590*2095
Single cluster standard rack weight (kg)	118
Single cluster Max. battery number(units)	6
Two clusters Max. battery number(units)	13

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