



## SR-LV10G

10/20/30/40/50/60 kWh



Long lifespan with 6000+ cycles



IP66 protection rating,  
safer for outdoor use



Stacked design, compact size



Passed salt spray test, suitable  
for harsh outdoor environments



Two pairs connectors,  
P+/P-, P+/P- suitable for  
35/50mm<sup>2</sup> cables



Optional battery heating  
function in cold weather



Module-level MCB

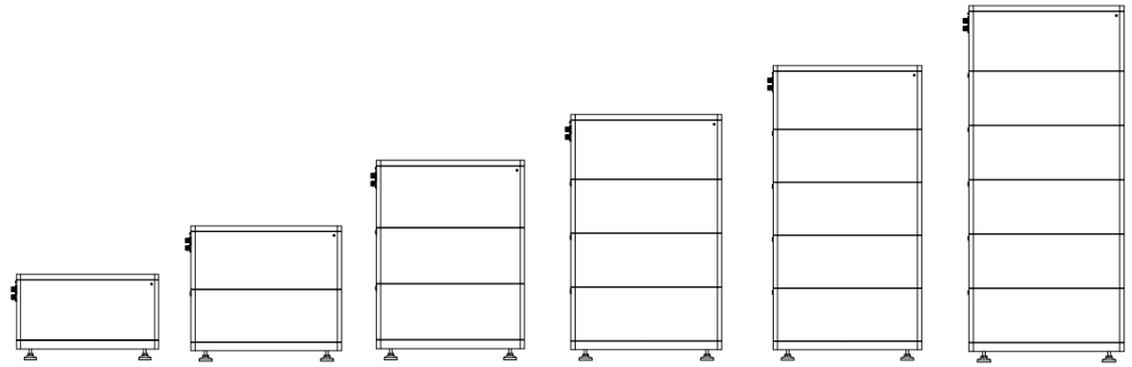


Aerosol: A Safer Fire  
Suppression Solution.

# SPEC for SR-LV10G

Model	SR-LV10G-L1	SR-LV10G-L2	SR-LV10G-L3	SR-LV10G-L4	SR-LV10G-L5	SR-LV10G-L6
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Appearance



Battery Module	LV10G-M*1	LV10G-M*1 LV10G-S*1	LV10G-M*1 LV10G-S*2	LV10G-M*1 LV10G-S*3	LV10G-M*1 LV10G-S*4	LV10G-M*1 LV10G-S*5
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## Battery Characteristics

Capacity	205Ah	410Ah	615Ah	820Ah	1025Ah	1230Ah
Rated Energy	9.84kWh	19.68kWh	29.52kWh	39.36kWh	49.2kWh	59.04kWh
Usable Energy	9.25kWh	18.50kWh	27.749kWh	36.998kWh	46.248kWh	55.05kWh
Rated Voltage	48V					
Operation Voltage	42V~54V					
Standard Charge Voltage	54V					
Standard Charge/Discharge Current	100A/100A	200A/200A	300A/300A	300A/300A	300A/300A	300A/300A
Max.Charge/Discharge Current	100A/100A	200A/200A	300A/300A	300A/300A	300A/300A	300A/300A
Peak Discharge Current [A]	120A@30sec	240A@30sec	360A@30sec	360A@30sec	360A@30sec	360A@30sec
Depth Of Discharge	94% (Adjustable)					
Cycle Life	6000cycles,@25°C,@0.5C,@90%D00,@70%EOL					
Communication method	CAN,RS485					
Max.number of parallel operations	6					
Recommend charging method declared by the manufacturer	Charge the battery at standard charge current until voltage reaches 52.5V, then charge at constant voltage 54V till charge current is 10A.					

## Operation Condition

Operation Temperature	Charging: 0~50°C, Discharging: -20~50°C					
Storage Temperature	-10~50°C					
Cooling Mode	Natural Convention					
Altitude	≤3000m					

## General

Weight	100±5kg	190±10kg	280±15kg	370±20kg	460±25kg	550±25kg
Dimensions(mm)	700*440*300	700*440*550	700*440*800	700*440*1050	700*440*1300	700*440*1550
Installaion Method	Stack					
Warranty Period	10 Years or 6000 Cycles					
Corrosion	C4					
Protection level	IP66					
Certification	UN38.3 / SDS / CB 62619 / IEC 62040 / IEC 62477 / IEC 61000 / IEC 60730 / IEC 60068-2-52					

Note: 1.Warranty term is understandard Charge/Discharge current.  
2.Optimal operating temperature range: 10-35°C.