



## SR-LV14G

14/28/42/56 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

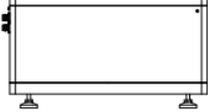
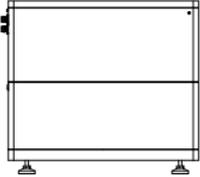
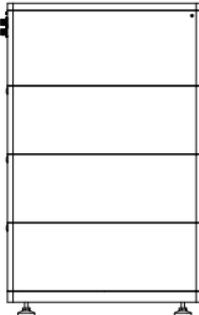


Module-level MCB



Aerosol: A Safer Fire  
Suppression Solution.

# SPEC for SR-LV14G

| Model      | SR-LV14G-L1   | SR-L14G-L2  | SR-L14G-L3   | SR-L14G-L4  |
|------------|---|---|--|---|
| Appearance |  |  |  |  |

|                |           |                        |                        |                        |
|----------------|-----------|------------------------|------------------------|------------------------|
| Battery Module | LV14G-M*1 | LV14G-M*1<br>LV14G-S*1 | LV14G-M*1<br>LV14G-S*2 | LV14G-M*1<br>LV14G-S*3 |
|----------------|-----------|------------------------|------------------------|------------------------|

## Battery Characteristics

|                                   |            |   |            |            |
|-----------------------------------|------------|---|------------|------------|
| Capacity                          | 290Ah      | 580Ah                                   | 870Ah      | 1160Ah     |
| Rated Energy                      | 13.92kWh   | 27.84kWh                                | 41.76kWh   | 55.68kWh   |
| Usable Energy                     | 13.92kWh   | 27.84kWh                                | 41.76kWh   | 55.68kWh   |
| Rated Voltage                     | 48V        | 48V                                     | 48V        | 48V        |
| Operation Voltage                 |            |   | 42V~54V    |            |
| Standard Charge Voltage           | 54V        | 54V                                     | 54V        | 54V        |
| Standard Charge/Discharge Current | 100A/100A  | 200A/200A                               | 300A/300A  | 300A/300A  |
| Max. Charge/Discharge Current     | 100A/100A  | 200A/200A                               | 300A/300A  | 300A/300A  |
| Peak Discharge Current [A]        | 120A@30sec | 240A@30sec                              | 360A@30sec | 360A@30sec |
| Depth Of Discharge                |            |   | 100%       |            |
| Cycle Life                        |            | 8000 cycles,@25°C,@0.5C,@90%D00,@70%EOL |            |            |
| Communication method              |            | CAN, RS485                              |            |            |
| Max.number of parallel operations |            | 4                                       |            |            |

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               | 108±5kg   | 206±10kg    | 305±15kg    | 402±20kg     |
| Dimensions(mm)       | 850*440*360   | 850*440*590 | 850*440*820 | 850*440*1050 |
| Installation Method  | Stack   |             |             |              |
| Warranty Period      | 10 Years or 8000 Cycles   |             |             |              |
| Corrosion protection | C4  |             |             |              |
| Protection level     | IP66  |             |             |              |
| Certification        | UN38.3/SDS/ CB 62619 /IEC 62040/ IEC 62477/ IEC 61000/ IEC 60730/ IEC60068-2-52 |             |             |              |