

 **TS solar**

 **TS solar**

ESS-215KWh

Energy Storage

 **TS solar**



Outdoor cabinet BESS

TS SOLAR 215kwh-Commercial-Energy-Storage-Systems-006-ESS

Industrial and Commercial Energy Storage



 quality Maker

 **All in one**
Integrating battery packs

 **Intelligent Integration**
integrated photovoltaic
storage cabinet

 **High-capacity**
100-217kWh

 **Rated AC Power**
50-100kW

 **Degree of Protection**
IP55

 **Altitude**
3000m(>3000m derating)

 **Operating Temperature Range**
-25~60°C(Derating above 45°C)

| Model | RG-SC30K/60KWH | RG-SC50K/100KWH | RG-SC100K/215KWH |
|--|--|--------------------------|------------------------|
| AC Output Specification | | | |
| Rated AC Input/Output Active Power(W) | 30000W | 50000W | 100000W |
| Peak Power(off grid) | 1.5 time of rated power, 10 S | | |
| AC Output Rated Current(A) | 45.6A | 75.8A | 151.6A |
| Max. AC Current(A) | 60A | 83.3A | 166.6A |
| Output Frequency and Voltage | 50/60Hz:3 L/N/PE 220/380,230/400Vac | | |
| Grid Type | Three Phase | | |
| Total Harmonic Distortion(THD) | < 3% (of nominal power) | | |
| PV Input Specification | | | |
| Max. PV Input Power(W) | 39000W | 65000W | 100000W |
| Max. PV Input Voltage (V) | 1000V | | |
| MPPT Range(V) | 150-850V | | |
| Start-up Voltage(V) | 180V | | |
| Full Load MPPT Voltage Range(V) | 360-850V | 450-850V | 450-850V |
| Rated PV Input Voltage (V) | 600V | | |
| PV Input Current(A) | 36+36+36 | 36+36+36+36 | (36+36+36+36)*2 |
| Max.PV Isc(A) | 55+55+55 | 55+55+55+55 | (55+55+55+55)*2 |
| No. of MPP Trackers | 3 | 4 | 4*2 |
| No.of Strings per MPP Tracker | 2 | | |
| Battery Specification | | | |
| Spec Of Each Module | LFP 102.4V 100AH 10.24kWh | LFP 51.2V 200AH 10.24kWh | LFP 153.6V 280AH 43kWh |
| Module Number | 6 | 10 | 5 |
| Battery System Capacity | 61.44kWh | 102.4kWh | 215kWh |
| Battery Voltage Range | 537.6V-691.2V | 432V-576V | 600V-876V |
| Basic Parameter | | | |
| Overall Dimensions (width *depth * Height) | 1170*1031*1635mm | 1170*1031*1835mm | 1500*1550*2300mm |
| Weight | 900KG | 1500KG | 2430KG |
| Cooling Mode | Fan cooling, Air-conditioner cooling and Liquid cooling optional | | |
| Class Of Protection | IP54 | | |