

## Battery Cluster

Model No. : AT645.12kWh\_Battery cluster

The battery cluster is with 30 packs of battery modules ,in 4 columns and 9 layers , one cluster control box, and 3 sets of maintenance switch device; total of 4 clusters are installed in the entire 20-foot container. The design comprehensively considers on thermal management of the battery container is to keep the temperature within the entire container as consistent as possible. The basic parameters of the battery cluster are shown in Table as below.

### Specifications and parameters of battery cluster

No.	Specification	Parameter	Remark
1	Number of battery modules	30	
2	Number of control boxes	1	
3	Maintenance switch device(MSD)	3	
4	Battery Module Series Circuits	30S	
5	Battery Cluster Rated Energy (kWh)	645.12	
6	Rated DC Voltage (V)	1152	
7	Rated Capacity (Ah)	560	
8	Dimension (mm) ( W*D*H )	2040*996*2325	
9	Referent outlook diagram		