

Service Guideline

of TOWER

2022.03.24

Valid for T7 / T10 / T14 / T17/T21



Important: The installation and all other kinds of works or measurements in combination with the Tower are only allowed by professional and qualified electricians.

This manual is a brief help for battery expansion, and cannot replace the original user manual.

Attention: High Voltage ! Improper handling can cause danger and damage.

The GOODWE ET inverter is only compatible with T10/T14/T17, and the GOODWE EH inverter is only compatible with T7/T10/T14. For other inverter adaptations, please consult the battery manufacturer or refer to the battery manufacturer's compatible list.

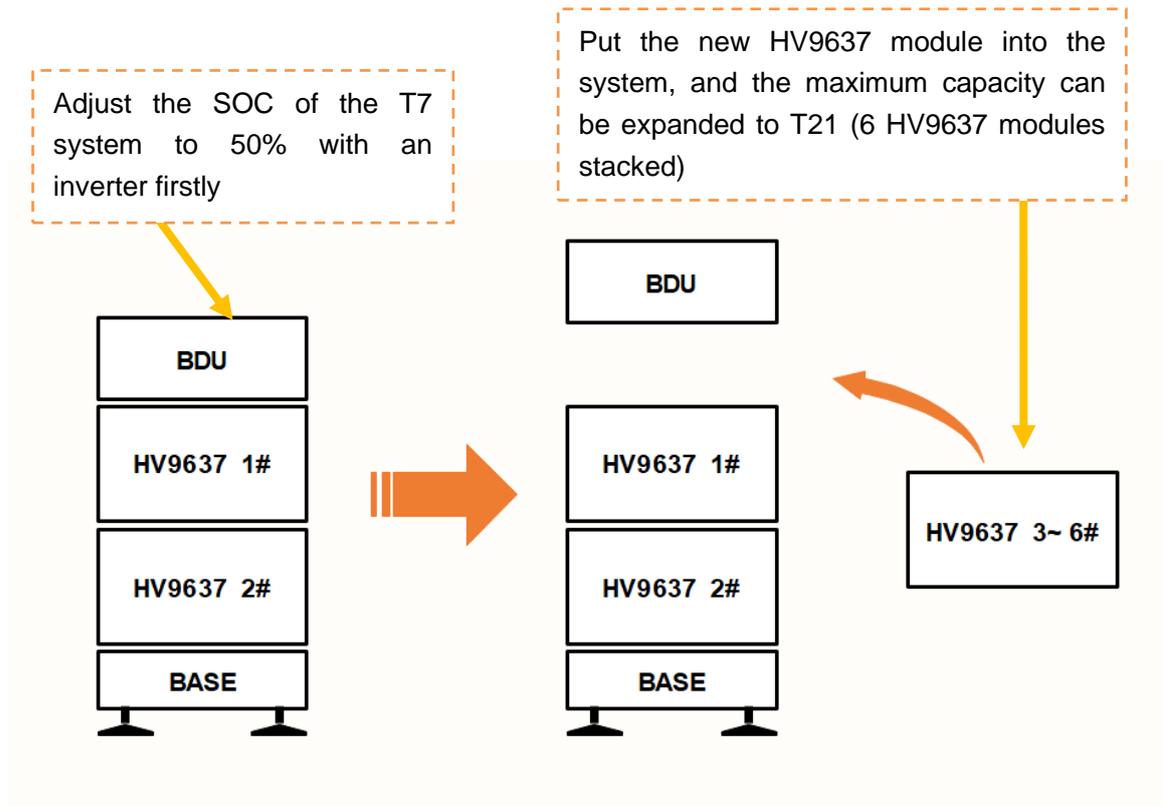
1. System capacity expansion.(Only applicable to Tower new adaptive version)

Way 1:

1.1 Adjust the SOC of the initial battery system to 50% (difference $\leq \pm 1\%$), and then add the new HV9637 module to the system (The default SOC of the new HV9637 module is 50%) .

Note: When the system has been used for more than half a year, it is not recommended to add new batteries for expansion; HV9637 module installation and expansion do not need to distinguish the stacking order of battery modules.

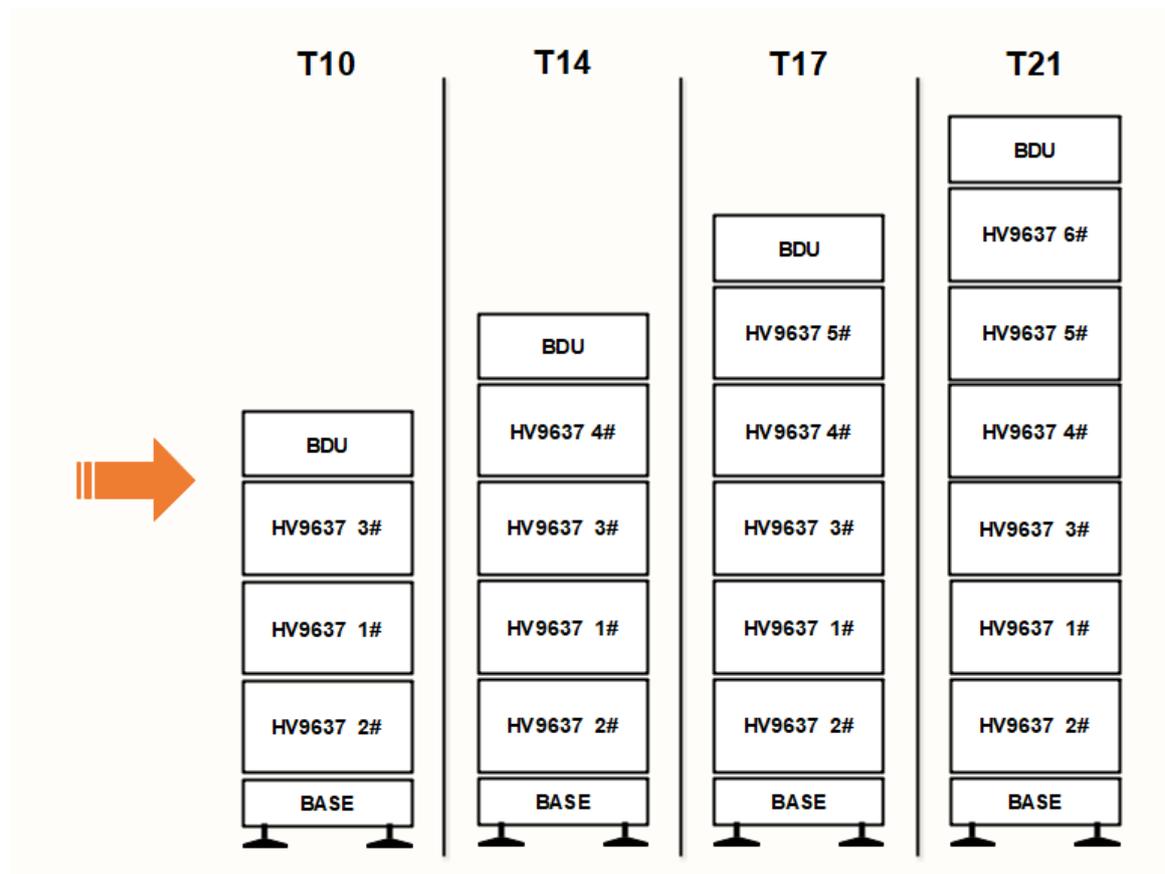
Take T7 to T10 expansion as an example:

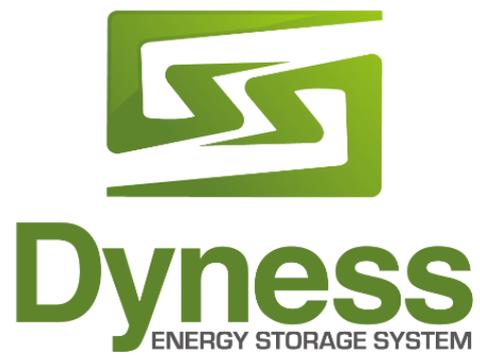


Way 2:

We will supply a special BDU to distributor for single HV9637 module charging, you can use a DC Power supply and setup to 110V/10A to charge the new module individually, it will automatically stop charging when module is fully charged to 100%, and you make inverter fully charge the initial Tower system to 100% before adding new module.

This is the best way to expand, all the modules will keep the more consistent state for working.





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