DYNESS

# Tower

Tower series is specifically designed for large residential, as well as small commercial and industrial applications, offering an energy capacity range from 7.1 kWh to 255.72 kWh. It has been market-verified for 5 years with 0 accidents.




## Flexible Expansion

Up to 12 clusters in parallel,
7.1kWh~255.72kWh capacity

## Easy Installation

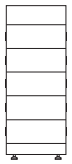
0 wiring, plug&play, allow
one people to install

## IP54 Protection

Indoor&outdoor installations

## Smart Management

Real-time system monitoring, remote control, OTA updates

| Model | Tower T7 | Tower T10 | Tower T14 | Tower T17 | Tower T21 |
|---|---|---|---|---|---|
| Product Pattern |  |  |  |  |  |
| Battery Module Type | $LiFePO_4$ | $LiFePO_4$ | $LiFePO_4$ | $LiFePO_4$ | $LiFePO_4$ |
| Battery Module Quantity | 2 | 3 | 4 | 5 | 6 |
| Nominal Energy | 7.10kWh | 10.66kWh | 14.21kWh | 17.76kWh | 21.31kWh |
| Usable Energy | 6.745kWh | 10.127kWh | 13.499kWh | 16.872kWh | 20.245kWh |
| Operating Voltage | 168-216V | 252-324V | 336-432V | 420-540V | 504-648V |
| Nominal Voltage | 192V | 288V | 384V | 480V | 576V |
| Nominal Capacity | 37Ah | 37Ah | 37Ah | 37Ah | 37Ah |
| Max. Continuous Charge/Discharge Power * | 4.26kW | 6.39kW | 8.52kW | 10.65kW | 12.78kW |
| Recommended Depth of Discharge (DOD) | 95% | 95% | 95% | 95% | 95% |
| Dimensions [W/D/H] (mm) | 504/380/700 | 504/380/900 | 504/380/1100 | 504/380/1300 | 504/380/1500 |
| Net Weight [kg] | 105 | 146 | 187 | 228 | 269 |
| Charging Temperature Range | 0~50°C | | | | |
| Discharging Temperature Range | -10~50°C | | | | |
| Communication | CAN/RS485 | | | | |
| Cycle life * * | ≥6000 Cycles | | | | |
| Protection Level | IP54 | | | | |
| Battery Module Name | HV9637 | | | | |
| Expansion | Max. 12 towers can be connected in parallel | | | | |
| Certification | UL1973/CE-EMC/CE-RED/IEC62040/IEC62619/IEC62477/IEC63056/ UKCA/ROHS/VDE2510-50/ISO14067/CEC/GOST-R/UN38.3/CEI-021 | | | | |
| Compatible Inverters | Kostal/Ingeteam/Solis/Goodwe/Solplanet/Deye/Hoymiles/Solinteg/SINENG/Sinexcel ect. | | | | |

* Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C
* * Test Conditions:0.2C Charging & Discharging.@25°C,95%DOD