

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

Cable free connection between
modules, plug-and-play



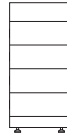
IP54 Protection

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					
Modules Number per Cluster	2	3	4	5	6
Nominal Energy	7.104kWh	10.656kWh	14.208kWh	17.76kWh	21.312kWh
Usable Energy	6.748kWh	10.123kWh	13.497kWh	16.872kWh	20.246kWh
Operating Voltage	168V~216V	252V~324V	336V~432V	420V~540V	504V~648V
Nominal Voltage	192V	288V	384V	480V	576V
Max. Charge & Discharge Power ^[1]	4.26 kW	6.39 kW	8.52 kW	10.65 kW	12.78 kW
Depth of Discharge (DOD)	95%				
Single Cluster Dimension(W/D/H)mm ^[2]	515/380/293+200*n				
Net Weight	23kg+41kg*n				
Charge Temp. Range	0~50°C				
Discharge Temp. Range	-10~50°C				
Communication	CAN/RS485				
Cycle life ^[3]	≥6000 Cycles				
Warranty Period ^[4]	10 Years				
Protection Level	IP54				
Installation	Cable-free stacking				
Expansion	Max. 12 towers can be connected in parallel				
User Interface	WIFI+APP				
Cooling method	Natural Cooling				
Certification	UL1973/CE-EMC/CE-RED/IEC62040/IEC62619/IEC62477/IEC63056/ UKCA/ROHS/VDE2510-50/ISO14067/CEC/UN38.3/CEI-021				
Compatible Inverters	Kostal/Ingeteam/Solis/GoodWe/Solplanet/Deye/Hoymiles/Solinteg/SINENG/Sinexcel/Kaco ect.				

Battery Module Name	HV9637
Battery Type	LiFePO ₄ (LFP)
Nominal Energy	3.552kWh
Nominal Capacity	37Ah
Nominal Voltage	96V
Net Weight	41kg
Dimension[W/D/H]	515/380/200mm

[1] Maximum continuous discharge/charge power when communicating with inverter is 0.6C

[2] "n" stands for the number of battery modules

[3] Test conditions:0.2C Charging&Discharging, 25°C, 95%DOD, 70%EOL

[4] Refer to Dyness Warranty Letter

