

# Tower Pro

Tower Pro is a high-voltage product designed for residential energy storage applications. It supports a maximum of 12 clusters in parallel and provides an energy capacity range from 7.68 kWh to 276.48 kWh. The system allows for a maximum 1C charge and discharge, and its stackable auto-configuration modules simplify installation and maintenance.



## Flexible Expansion

Up to 12 clusters in parallel,  
7.68kWh--276.48kWh capacity



## Ultra Safe

Intelligent fire extinguishing system,  
detects and extinguishes fire in 5s



## Battery Equalization

Free mixing of modules  
within three years



## Automatic Self-heating

-20°C to 55°C operating  
temperature (optional)








## Easy Installation

Cable free connection between  
modules, plug-and-play



## 1C Charge/Discharge

Simultaneously supplying power  
to multiple loads, no need to  
worry about power outages

Model	Tower Pro TP7	Tower Pro TP11	Tower Pro TP15	Tower Pro TP19	Tower Pro TP23
Product Pattern					
Modules Number per Cluster	2	3	4	5	6
Nominal Energy	7.68kWh	11.52kWh	15.36kWh	19.2kWh	23.04kWh
Usable Energy	7.296kWh	10.944kWh	14.592kWh	18.24kWh	21.888kWh
Operating Voltage	168V~216V	252V~324V	336V~432V	420V~540V	504V~648V
Nominal Voltage	192V	288V	384V	480V	576V
Max. Charge & Discharge Power <sup>[1]</sup>	7.68kW	11.52kW	15.36kW	19.2kW	23.04kW
Depth of Discharge (DOD)	95%				
Single Cluster Dimension(W/D/H)mm <sup>[2]</sup>	587/310/338+220*n				
Net Weight	28.5kg+40.5kg*n				
Charge Temp. Range	0°C~55°C/-20°C~55°C (optional)				
Discharge Temp. Range	-20°C~50°C				
Communication	CAN/RS485				
Cycle Life <sup>[3]</sup>	≥8000 Cycles				
Warranty Period <sup>[4]</sup>	10 Years				
Design Life	15 Years				
Protection Level	IP55				
Installation	Cable-free stacking				
Expansion	Max. 12 Tower Pro can be connected in parallel				
Safety Protection	Built-in aerosol fire extinguisher				
User Interface	WIFI+APP				
Cooling method	Natural Cooling				
Certification	IEC62619/IEC63056/IEC62477/IEC62040/CE-EMC/VDE2510-50/CEI 0-21/CEI 0-16				
Compatible Inverters	kostal/Ingeteam/Solis/GoodWe/Growatt/Solplanet/SAJ/DEYE/Hoymiles/SOLINTEG/Kaco ect.				

Battery Module Name	HV9640
Battery Type	LiFePO <sub>4</sub> (LFP)
Nominal Energy	3.84kWh
Nominal Capacity	40Ah
Nominal Voltage	96V
Net Weight	40.5kg
Dimension[W/D/H]	587/310/220mm

[1] Maximum Continuous Discharge/Charge Power when communicating with inverter is 1C

[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

