

Tower Pro

Dyness Tower Pro Series with IP55 protection level offers multiple energy options through an expandable modular design (2-6 modules combined), and the expandable parallel connection of up to 4 clusters allows for a maximum capacity of 92.16 kWh. The stackable auto-configuration modules make the system easier to install and maintain. Tower Pro also offers an optimized user experience with ultra-rapid charge (1C), LED display on the BDU, and remote upgrade and monitoring.



Optimized User Experience

LED display, real-time monitoring & remote upgrade (optional)



Ultra Rapid Charge

One hour to fully charge the battery



Easy to Install

Stackable auto-configuration modules, wireless connection



High Protection Level

Indoor & outdoor installations



Wide Compatibility

Matching with leading inverters

Technical Specifications

Model	Tower Pro TP7	Tower Pro TP11	Tower Pro TP15	Tower Pro TP19	Tower Pro TP23
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Module Quantity	2	3	4	5	6
Usable Energy	7.68 kWh	11.52 kWh	15.36 kWh	19.2 kWh	23.04 kWh
Operating Voltage	168 ~219V	252 ~ 328V	336 ~ 438V	420 ~ 547V	504 ~ 657V
Nominal Voltage	192V	288V	384V	480V	576V
Nominal Capacity	40Ah	40Ah	40Ah	40Ah	40Ah
Max. Continuous Charge/Discharge Power ^[1]	7.68 kW	11.52 kW	15.36 kW	19.2 kW	23.04 kW
Recommended Depth of Discharge (DOD)	95%	95%	95%	95%	95%
Dimensions [W*D*H]	587*310*788 mm	587*310*1009 mm	587*310*1230 mm	587*310*1451 mm	587*310*1672 mm
Net Weight [kg]	99.5 kg	135 kg	170.5 kg	206 kg	241.5 kg
Charging Temperature Range	0~50°C				
Discharging Temperature Range	-10~50°C				
Communication	CAN/RS485/RS232				
Cycle life ^[2]	≥6000 Cycles				
Protection Level	IP55				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Battery Module Name	HV9640				
Expansion	Max. 4 Tower Pro can be connected in parallel				
Certification	UN38.3/VDE2510-50/IEC62619/IEC63056/IEC62477/IEC62040/CE-EMC/ROHS				
Compatible Inverters	Ingeteam/Kostal/Goodwe/Solis/SAJ/Sinexcel/Atess/Deye/Sunways/Ecactus etc.				

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

[2]Test conditions: 0.2C Charging& Discharging. @25°C, 80% DOD