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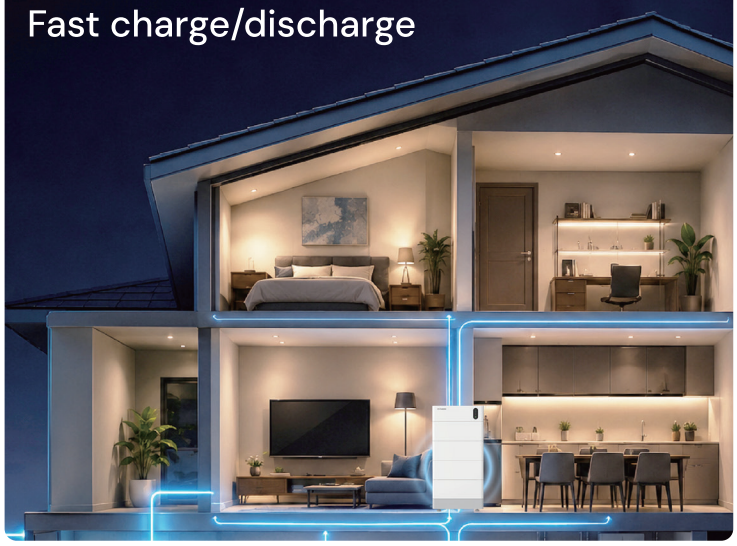
DYNESS

Tower Pro

7.68 kWh~23.04 kWh / System
Parallel up to 276.48 kWh
Residential High-voltage Battery



1C Rate
Fast charge/discharge





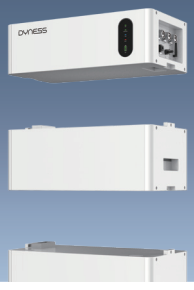
Battery Equalization
Free mixing of modules **within 3 years**



Ultra Safe
Built-in aerosol fire extinguisher to eliminate fire risks



Plug-and-play
Stackable Energy



Smart Monitoring & Management
Display screen+APP+Web



File version-20260520-EN
Information might be subject to change without notice during product improving.

www.dyness.com
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SPECIFICATION

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 [1]	7.68kW	11.52kW	15.36kW	19.2kW	23.04kW
Depth of Discharge (DOD)	95%				
Single Cluster Dimension(W/D/H)mm [2]	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~55°C				
Communication	CAN/RS485				
Cycle Life [3]	≥8000 Cycles				
Warranty Period [4]	10 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 etc.				

Battery Module Name	HV9640
Battery Type	$LiFePO_4$ (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