Tower

The Tower system supports a plug-and-play connection for easy installation and movement, saving valuable time for installers. The stackable design provides five energy choices up to 21.31kWh with parallel connections available. Advanced LiFePO4 technologies, high waterproof level, and good heat sink... Whatever you need, the DYNESS Tower Series is there to meet more of your requirements.



IP54
Floor-standing outdoor solutions

Pile Up Design
Wireless connection
Easy to install

Expandable
From 7.1 kWh to 276.48 kWh

High Voltage
High system Efficiency

Wide Compatibility
Matching with leading inverter brands

Self-adaption
Automatic configuration

Technical Specifications

Model	Tower T7	Tower T10	Tower T14	Tower T17	Tower T21
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Module Quantity	2	3	4	5	6
Usable Energy	7.10 kWh	10.66 kWh	14.21 kWh	17.76 kWh	21.31 kWh
Nominal Voltage	192V	288V	384V	480V	576V
Nominal Capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Max. Continuous Charge/Discharge Power[1]	4.26 kW	6.39 kW	8.52 kW	10.65 kW	12.78 kW
Recommended Depth of Discharge (DOD)	95%	95%	95%	95%	90%
Dimensions [W*D*H]	504*380*700 mm	504*380*900 mm	504*380*1100 mm	504*380*1300 mm	504*380*1500 mm
Net Weight [kg]	105 kg	146 kg	187 kg	228 kg	269 kg
Charging Temperature Range	0~50°C				
Discharging Temperature Range	-10~50°C				
Communication	CAN				
Warranty	10 Years				
Warranty Document Supplied	Yes				
Cycle life[2]	≥6000 Cycles				
Protection Level	IP54				
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	HV9637				
Expansion	Max. 12 Towers can be connected in parallel				
Certification	UN38.3/CE-EMC/IEC62040/IEC62619/IEC62477/IEC60730/IEC63056/UKCA/CEC Accredited/UL1973/VDE2510-50				
Compatible Inverters	Ingeteam/Kostal/Goodwe/Solis/SAJ/Sinexcel/Atess/Deye/Sunways/Ecactus etc.				

[1]Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C
[2]Test conditions: 0.5C Charging& Discharging. @25°C, 80% DOD

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