VIỆT NAM SOLAR
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DYNESS



Tower S3

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

0 wiring, plug&play, allow one people to install

IP54 Protection

Indoor&outdoor installations

Smart Management

Real-time system monitoring, remote control, OTA updates

Model	Tower TS7	Tower TS10	Tower TS14	Tower TS17	Tower TS21
Product Pattern					
Battery Module Type	$LiFePO_4$	$LiFePO_4$	$LiFePO_4$	$LiFePO_4$	$LiFePO_4$
Battery Module Quantity	2	3	4	5	6
Nominal Energy	7.10 kWh	10.66 kWh	14.21 kWh	17.76 kWh	21.31kWh
Usable Energy	6.745kWh	10.127kWh	13.499kWh	16.872kWh	20.245kWh
Operating Voltage	168~216V	252~324V	336~432V	420~540V	504~648V
Nominal Voltage	192V	288V	384V	480V	576V
Nominal Capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Max. Continuous Charge/Discharge Power *	4.26 kW	6.39 kW	8.52 kW	10.65 kW	12.78 kW
Recommended Depth of Discharge (DOD)	95%	95%	95%	95%	95%
Dimensions [W/D/H](mm)	504/380/720	504/380/920	504/380/1120	504/380/1320	504/380/1520
Net Weight [kg]	103kg	143kg	183kg	223kg	263kg
Charging Temperature Range	0~50°C				
Discharging Temperature Range	-10~50°C				
Communication	CAN/RS485				
Cycle life * *	≥6000 Cycles				
Protection Level	IP54				
Battery Module Name	HV9637S				
Expansion	Max. 12 towers can be connected in parallel				
Certification	CE-EMC/CE-RED/IEC62040/IEC62619/IEC62477/IEC63056/UN38.3				
Compatible Inverters	Ingeteam/Solis/GoodWe/Solplanet/SAJ/DEYE/Hoymiles/SOLINTEG/Kaco ect.				

* Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C
* * Test conditions:0.2CCharging&Discharging.@25°C,95%DOD,70%EOL