

DYNNESS

Tower S3

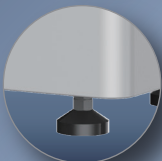
High-voltage (192 V-576 V)
7.10 kWh~21.31 kWh / System
Parallel up to 255.72 kWh



0 wiring, Plug-and-play
Allow 1 people to install



Breaker



Adjustable Feet

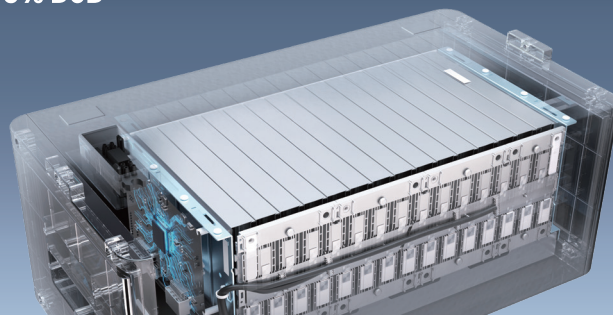
IP54 Protection rating



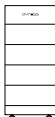
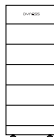
Smart Monitoring
& Management
APP+Web



6000+ Cycles,
95% DoD



SPECIFICATION

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 ^[1]	2.84 kW	4.26 kW	5.68 kW	7.10 kW	8.52 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
Recommended Charge & Discharge C Rate	0.4C				
Charging Temperature Range	0~50°C				
Discharging Temperature Range	-10~50°C				
Communication	CAN/RS485				
Cycle life ^[2]	≥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/CEI 0-21				
Compatible Inverters	Ingeteam/Solis/GoodWe/Solplanet/SAJ/DEYE/Hoymiles/SOLINTEG/Kaco etc.				

[1] Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C

[2] Test conditions:0.2C Charging&Discharging.@25℃,95%DOD, 70%EOL

