

Tower

HIGH-VOLTAGE BATTERY

DYNNESS | FuturaSun[®]
anticipate tomorrow



10 YEARS
PRODUCT GUARANTEE

2 / 3 / 4 / 5 modules

**NOMINAL
CAPACITY** **Max.
17.76 kWh**

FuturaPulse Single up to 14.2 kWh (4 modules)
FuturaPulse Tri up to 17.76 kWh (5 modules)

KEY BENEFITS AND FEATURES



IP54 protection



Easy installation with
the stack system



Recommended Depth of Discharge
(DOD) 95%



Battery consisting of **only two items**:
Battery Disconnect Unit (**BDUs**) (with
base, Wi-Fi module and cables included)
and battery modules (2 to 5 per BDU)



No additional kit and/or accessories
required



Up to **4 towers in parallel**, with the
same capacity



Life cycles **≥6000**



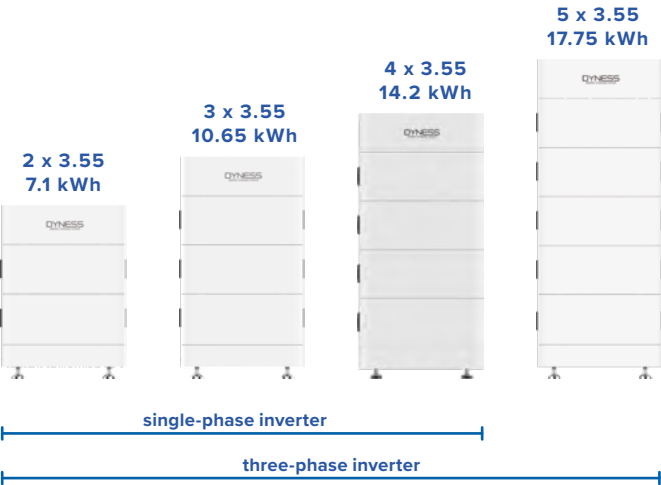
Continuous charge/discharge at 0.6C,
up to 20% faster than average

Tower

The upgraded Tower Series is tailor-made for residential applications. Stackable design with self-adaptive modules, four energy choices of up to 17.76 kWh with parallel connection available, advanced LiFePO4 technology, remote upgrade, high waterproof level and good cooling function... Whatever you need, Dyness Tower Series is there to meet your requirements.

Technical specifications	Tower T7	Tower T10	Tower T14	Tower T17
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Module Quantity	2	3	4	5
Nominal Capacity [kWh]	7.10	10.66	14.21	17.76
Usable Energy [kWh]	6.745	10.127	13.499	16.872
Operating Voltage [V]	168 ~219	252 ~ 328	336 ~ 438	420 ~ 547
Nominal Voltage [V]	192	288	384	480
Nominal Capacity [Ah]	37			
Max. Continuous Charge/Discharge Power* [kW]	4.26	6.39	8.52	10.65
Recommended Depth of Discharge (DOD) [%]	95			
Dimensions [W*D*H mm]	504*380*700	504*380*900	504*380*1100	504*380*1300
Net Weight [kg]	105	146	187	228
Charging Temperature Range	0~50 °C			
Discharging Temperature Range	-10~50 °C			
Communication	CAN/RS485			
Cycle life**	≥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, self-standing compact design, modular expansion			
Battery Module Name	HV9637			
Expansion	Max. 4 towers can be connectewd in parallel on a single inverter			
Certification	UN38.3, CE-EMC, IEC62040, IEC62619, IEC62477, IEC60730, IEC63056, UKCA, CEC Accredited, UL1973, VDE2510-50, CEI 0-21			

Possible configurations:



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*Maximum Continuous Discharge/Charge Power when communicating with inverter is 0.6C
**Test conditions: 0.2C Charging& Discharging, @25oC, 95% DOD

