

# Residential Battery

## Tower 2800 | High Voltage



### Safe and Durable

The LFP battery cells offer 6,000 cycles of longevity and an IP65 rating for enhanced safety, ensuring reliable performance in any conditions.



### Hassle-Free Setup

Enjoy the convenience of plug-and-play installation—no external wiring required.



### Flexible and Expandable

With a 2.7 kWh modular design, each cluster supports up to 7 packs for versatile energy solutions.



### Miellec | Care

Enjoy effortless post-purchase support — register warranties, request services, and access repair resources all in one place.

## Datasheet

CE UN38.3 IEC RoHS

Model	Tower 2800-2	Tower 2800-3	Tower 2800-4	Tower 2800-5	Tower 2800-6
	Tower 2800-7				

### Performance

Cell technology	LFP [ LiFePO <sub>4</sub> ]				
Battery module	2.76 kWh				
Number of modules	2	3	4	5	6
	7				
Battery usable energy [1]	5.53 kWh	8.29 kWh	11.06 kWh	13.82 kWh	16.59 kWh
	19.35 kWh				
Nominal voltage	115.2 V	172.8 V	230.4 V	288 V	345.6 V
	403.2 V				
Operating voltage	104.4–132.4V	156.6–198.7V	208.8–264.9V	261.0–331.2V	313.2–397.4V
	365.4–463.6V				
Max.charge and discharge current [2]	24 A				

### Communication

Display	BMS Module 6xLED, Battery Module 1xLED
Communication	CAN

### General Specification

Dimension (WxDxH)	570x350x380 mm	570x470x380 mm	570x590x380 mm	570x710x380 mm	570x830x380 mm
	570x950x380 mm				
Weight	65±1 kg	95.5±1.5 kg	126±2 kg	157±2.5 kg	187±3 kg
	217±3.5 kg				
Installation	Floor stand				
Operating temperature [3]	Charge: 0–55°C / Discharge: -10–55°C				
Environmental humidity	95%RH (No condensation)				
Ingress protection rating	IP 65				
Cycle life [4]	6000 Cycles or ten (10) years				
Scalability	up to 7 modules				
Application	ON Grid / ON Grid + Backup / OFF grid				
Cooling Method	Convection				

