



TNK LV Series is Clenergy's first residential battery product in Europe.

It is designed to work with Clenergy ESS TNK Hybrid inverters, forming a complete energy storage system for your home. The split design of the battery and the inverter allows great installation flexibility.

TNK LV Series battery maintains the high-quality standards of Clenergy's products. It is compact and small, allowing space-saving and a seamless installation experience.

Compact Design

- Optimised battery module layout
- Good heat dissipation
- Compact size

High Safety

- Uses the LFP battery module
- Module and system approved by TUV lab
- IP55-rated, suitable for indoor and outdoor installation

High Product Quality and Long-term Warranty

- 6000 cycle life
- A wide range of working temperatures
- 10 years product warranty

Capacity Flexibility

- Available in 3 different capacities
- A maximum of eight batteries can be connected in parallel

Specifications			
Model Number	TNK-3300-LV-C3	TNK-6500-LV-C3	TNK-9800-LV-C3
Energy Capacity	3.3kWh	6.5kWh	9.8kWh
Usable Energy	3.0kWh	6.0kWh	9.0kWh
Depth of Discharge (DoD)	94.50%		
Battery Type	LiFePO4		
Rated Voltage	51.2V		
Operating Voltage Range	44.8~57.6V		
Max. Charge/Discharge Current	62.4A	104.2A	104.2A
Max. Charge/Discharge Power	3kW	5kW	5kW
System Weight	33kg	58kg	85kg
Dimension (WxDxHmm)	475*145*480	475*145*765	475*145*1180
Cycle Life	6000cycle/60% EoL		
Operating Temperature Range	-10°C ~ 50°C		
IP Protection	IP55		
Warranty	10 Years		
Cooling	Natural cooling		
Altitude	< 2000m		
Communication	CAN/RS485		
Parallel Connection	Max 8 Packs		
Installation	Ground Mounted or Wall Mounted		
Certification	UN38.3+PI965(Sea)/IEC62619/CE/RCM/UL1973/CEC/IEC62619/UL1973		
Storage Condition	Temperature: -20°C ~ + 45°C Humidity: 5% - 95%RH Within 6 months after each charge		

TNK-3300-LV-C3



TNK-6500-LV-C3



TNK-9800-LV-C3

