

## Energy storage battery cabinet

TL ESBC 14K

It adopts modular design and can be used for residential applications. The reliable LiFeP04 technology ensures maximum safety and a longer life cycle.



Fire Safety

- Dual fans for cooling



IP Rating

- system IP20



Cell Temperature Difference

- cell temperature difference  $\leq 3^{\circ}\text{C}$



Service Life

- 20% longer than air cooling system



Easy Installation

- Maximum can be expanded to 761.8kWh (no HUB)



Smart Management

- inner optimized EMS
- energy management for installer and retailer

## System parameters

Model	Powerbrick
Battery Type	LiFePO4
Nominal Battery Energy	14.336kWh
Nominal Voltage/Capacity	51.2V/280Ah
Recommended Charge/Discharge Current	140A (0.5C)
Max. Charge Current	200A
Max. Discharge Current	200A
Depth of Discharge	95%
Communication	CAN/RS485
Cycle Life	Unlimited Cycles / 10 Years
Protection Level	IP20
Net Weight	114Kg
Dimension[W*D*H]	435*240*840mm (No wall -mounted bracket)
Maximum Parallel Modules	50
Charging Temp. Range	0 ~ 55°C
Discharging Temp. Range	-20 ~ 55°C
WIFI Module	Built-in WIFI module; APP OTA Function
Fire Protection System	Optional Aerosol fire extinguisher
Certification & Safety Standard	UN38.3; CE
Compatible Inverters	SMA/Victron/ngeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc

Please refer to the user manual or consult the supplier for more technical specifications.