

L28 Battery



Stabilizable

Longevity; Intelligent BMS;
Multiple fire protection system



Safe&Reliable

More safety; Longer life cycle
Flexible and scalable



Flexible

48V, 587Ah; Stackable design,
Easy to install



Preheating

Optional battery heating function
in cold weather





LV Battery (LFP)

Name	L28
Nominal voltage [V]	48
Rated capacity [Ah]	587
Rated Energy [kWh]	28.18
Usable Energy [kWh]	27.89
Dimensions (W*H*D)(mm)	630*1100*390
Weight (Kg)	230
DOD	99%
Rated charge and discharge current [A]	200
Rated DC Power [kW]	10
Max. charge and discharge current [A]	200
Battery Max Charge/Discharge Power	10.5kW@10S
Operating voltage range [V]	42~54V
Charging / Discharging temperature [℃]	0~55/-10~55℃
Cycle life (times)	12000
Ingress protection	IP66
Corrosion protection	C4
Protective Class	I
Country of Manufacture	China

Module

Nominal voltage [V]	16
Operating voltage range [V]	14~18
Max operation altitude (m)	≤3000
Rated capacity [Ah]	587
Rated Energy [kWh]	9.39
Weight (Kg)	76

NOTE:

1.Test conditions: 25°C, 95%(DOD),0.2C charge & discharge, 70% SOH

2.Comment: Optimal operating temperature range: 10-35°C