

INF-LFT Series

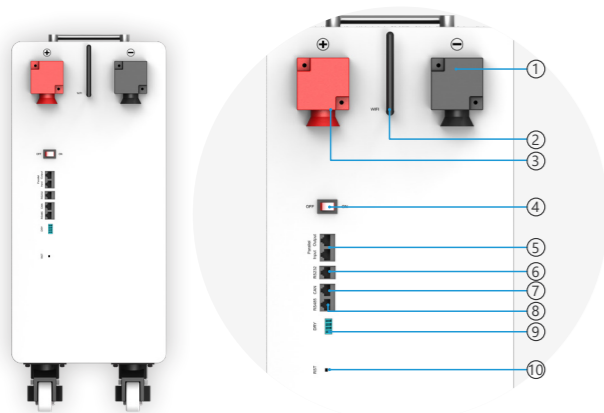
14.3~15.3KWH

INF-LFT Series is a lithium battery specially designed for residential applications with superior performance. Compatible with mainstream inverters, one-stop-shop solution can be designed with INF-LFT series, save you precious time and money, ideal solution for large home and small commercial with strong capacity 14.3kWh/15.3kWh.



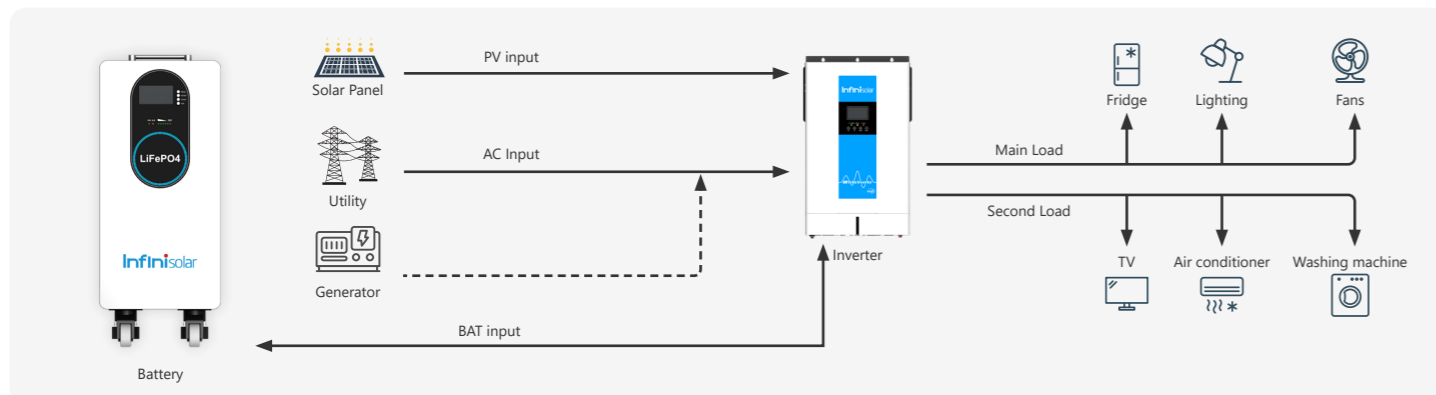
- Remote diagnosis & update
- Auto reboot after undervoltage
- Built-in WiFi Smart Module
- 15 Units in parallel maxium
- 8KW continous/module, 10KW @10s peak/module
- Longer cycle life 4000 cycles @ 80% DOD, 25 °C
- Support CAN & RS485 communication with mainstream inverters

Back panel description



1. BAT-
2. WiFi antenna
3. BAT+
4. Power switch
5. Parallel port
6. RS232 communication port
7. CAN port
8. RS485 communication port
9. DRY port
10. RST port

Solar system connection



Specification

Technical Data	INF-LFT-48280	INF-LFT-48300	
Nominal Voltage	51.2V		
Nominal Capacity	280Ah	300Ah	
Nominal energy	14336Wh	15360Wh	
Life Cycles	4000 cycles @ 80% DOD, 25°C		
Recommended Charge Voltage	57.6V		
Recommended Charge Current	56A	60A	
End Of Discharge Voltage	44V		
Standard Charge Current	56A	60A	
Standard Discharge Current	140A	150A	
Maximum Continuous Charge Current	200A	200A	
Maximum Continuous Discharge Currentt	200A	200A	
BMS Cut-Off Voltage Charge	58.4 V (3.65V/Cell)		
BMS Cut-Off Voltage Discharge	22.0V (2s) (2.75V/Cell)		
Temperature Charge	0 ~ 45°C		
Temperature Discharge	-10 ~ 55°C		
Storage Temperature	-5~35°C		
Shipment voltage	≥25.6V		
Module Parallel	Up to 15 units		
Communication	CAN2.0/RS232/RS485		
Case Material	SPPC		
Machine Dimension (H*W*D) (mm)	733*260*633		
Package Dimension (W*H*D) (mm)	wooden box	440*720*870	/
N.W (kg)		118	/
G.W (kg)	wooden box	138	/
* Variations in dimensions and weights may occur due to production batches.			
Charge Retention And Capacity Recovery Capability	Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90		
Certification & Standards	CE-EMC(EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) UN38.3/ MSDS / IEC62619:2017		