

15kwh

HORIZON BATTERY

H 15-48306

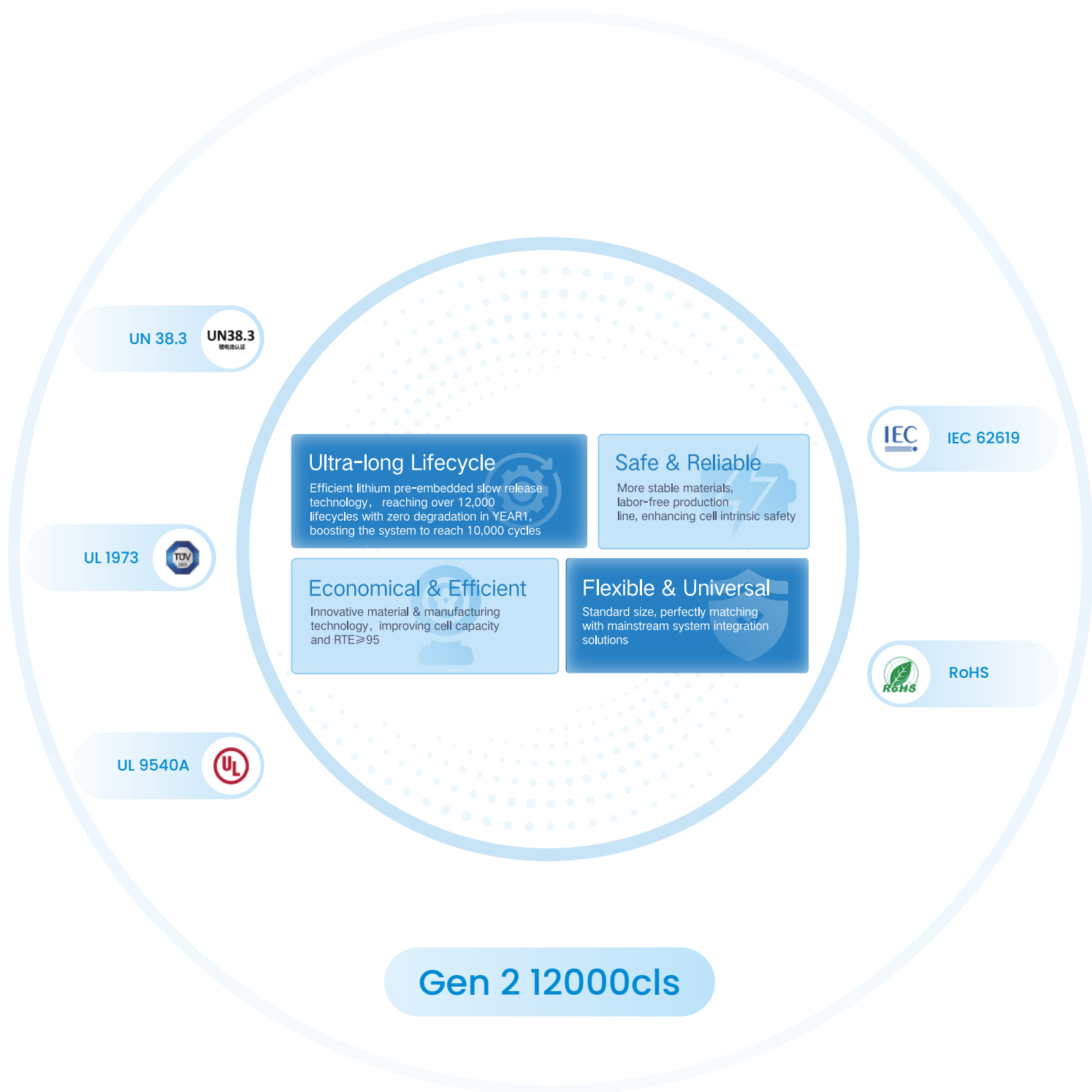


Product Features

- Ultra-long Lifecycle
- Safe & Reliable
- Economical & Efficient
- Flexible & Universal

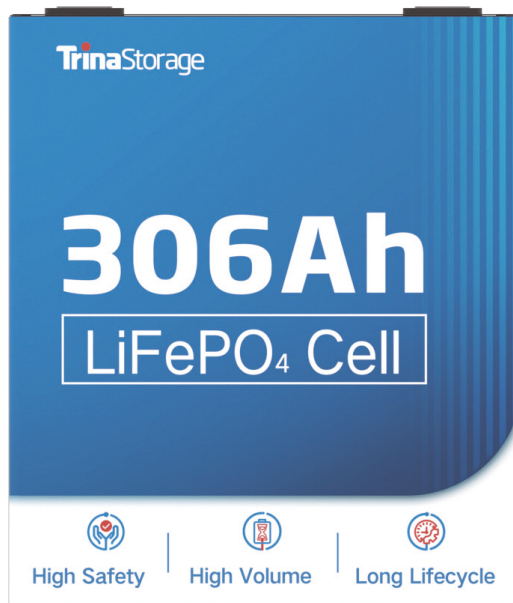
Technical Data	15kwh Horizon Battery
Warranty	10 Years
Battery Type	LifePO4, Lithium ion phosphate
Model	H 15-48306
Nominal Energy (Wh)	15667.2
Nominal Capacity (Ah)	306
Nominal Voltage (V)	51.2
Operation Voltage Range (V)	40~58.4
Recommend Discharge/Discharge Current (A)	153
Max. Continuous charge/Discharge Current (A)	250
Peak Discharge Current(A) for 10sec	306
Max. Parallel Quantities (pcs)	16
Operation Temperature	2.5~3,65 (Cell Temperature $T > 0^{\circ}\text{C}$) 2.0~3,65 (Cell Temperature $T \leq 0^{\circ}\text{C}$)
Protection Degree	IP21
Dimension (mm)	465Wx235Dx707H
Net Weight (kg)	130
Certification	Cell Certificate: RoHS, IEC62619, UN38.3, UL 1973, UL9540A / iso9001- iso 14001-iso45001
Communication	CAN, RS485
Cycle Life	> 12000 Cycles(25°C, 0.5C/0.5C)

Energy Storage Batteries



Comprehensive system certification

- ISO9001: Quality System Certificate
- ISO14001: Environment management Certificate
- ISO45001: Occupational Health and Safety Management System



		TSC306
Parameters		
Cell Chemistry		LFP
Nameplate Capacity	AH	306
Rated Energy	Wh	979.2
Rated P-Rate	P	0.5
Rated Voltage	V	3.2
Rated Current	A	153
DC-DC RTE	\	95%
Operating Voltage Range	V	2.5~3.65 (Cell Temperature T > 0°C) 2.0~3.65 (Cell Temperature T ≤ 0°C)
Weight	kg	5.6±0.15
Dimensions (D * W * H)	mm	71.7*174.4*207.4
Impedance (1kHz)	mΩ	5.6±0.15
Energy Density	Wh/kg	174.8
Cycle Performance	cycles	≥12000(0.5P) 25°C, @70%SOH

Disclaimers:
This product leaflet is as comprehensive and detailed as possible on the basis of existing information, data, parameters and other information the company reserves the right to modify.
The final right of interpretation belongs to Jiangsu Tianhe Energy Storage Co.