

16KWh

HORIZON Battery

**Wheel-Model
H 16-48314**

Product Features

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



Technical Data	16kwh Horizon Battery
Warranty	10 Years
Battery Type	LifePO4, Lithium ion phosphate
Model	H 16-48314
Nominal Energy (Wh)	16076
Nominal Capacity (Ah)	314
Nominal Voltage (V)	51.2
Operation Voltage Range (V)	40~58.4
Recommended charge and cut off voltage	56.7v ~ 48 v or 10%
Recommend Discharge/Discharge Current (A)	153
Max. Continuous charge/Discharge Current (A)	200
Peak Discharge Current(A) for 10sec	314
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)	633x606x242.5 mm
Net Weight (kg)	130
Communication	CAN, RS485
Certification	Cell Certificate: RoHS, IEC62619, UN38.3, UL 1973, UL9540A / iso9001- iso 14001-iso45001
Cycle Life	$\geq 10,000$ cycles 25°C, 0.5C, @ 70% SOH (Standard Test Conditions) Up to $\geq 12,000$ cycles when operated at lower C-rate and DOD