

32kwh

HORIZON by Trina Battery

48628V1



Product Features

- Huge storage
- Safe LiFePO4 rechargeable battery
- High usable energy ratio
- less self-consumption
- LED touch display
- Wide compatibility with all inverters in market

Technical Data		32kwh Horizon by Trina Battery
Warranty		10 Years
Cell Type		Trina 314AH X32
Battery Type		LifePO4, Lithium ion phosphate
Model		48628V1
Nominal Energy (Wh)		32000
Nominal Capacity (Ah)		628
Nominal Voltage (V)		51.2
Operation Voltage Range (V)		40~58.4
Recommend Discharge/Discharge Current (A)		300
Max. Continuous charge/Discharge Current (A)		300
Peak Discharge Current(A) for 10sec		500
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		IP51
Dimension (mm)		970Wx670Dx245H
Net Weight (kg)		218
Installation		Wall mounted and Floor - standing
Communication		wifi, Bluetooth, CAN, RS485, RS232
Certification		Cell Certificate: RoHS, IEC62619, UN38.3, UL1973 UL9540A / iso9001 – iso14001 – 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