

BATTERIES



ZNT-NEO 5120-S Battery

Lithium Ion

Main Features

- High energy density
- Compatible with different brands of three-phase inverters
- Supports parallel expansion of up to 8 drives
- Protection index IP55 (can work outdoors)
- Simple installation and maintenance
- DEKRA certification
- Remote connection for diagnostics and real-time information
- Use of high-performance processors, better stability and performance

Product Description New 5.12kWh unstackable lithium-ion battery , for use in various photovoltaic solar energy installations.

Possibility of parallel connection **of up to 8 units.**
For connection with **three-phase hybrid inverters.**

Note: Installation of the Control Module in each set of batteries is mandatory. **The minimum number of batteries is 2 units.**

Models and Prices

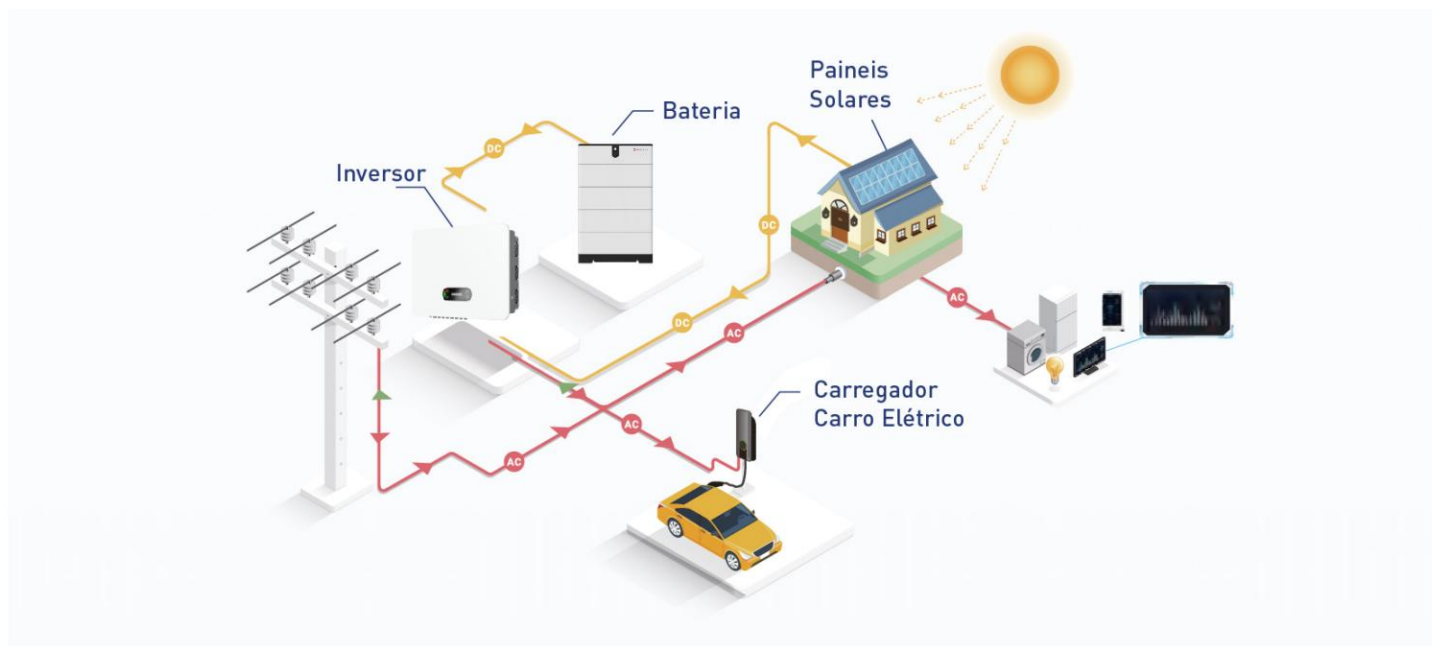
Code	Model
2704-9722	ZNT-NEO 5120-S Lithium Battery
2704-9723	ZNT-NEO 5120-S Battery Control Module

Dimensions

COMPATIBILIDADE (INVERSORES)



Components



TECHNICAL DATA	ZNT-NEO 5120-S
Battery Type	LiFePO4, Lithium Iron Phosphate
Total Energy	5.12kWh
Useful Energy (95%DOD)	4.86kWh
Nominal Voltage	102.4V
Operating Voltage	91.2~115.2V
Load Voltage	112V
Maximum Load Current	25A
Maximum Discharge Current	40A
Communication	RS485, CAN
Storage Temperature	0°C45°C
Operating Temperature - Load	0°C50°C
Operating Temperature - Discharge	-20°C50°C
Operating Humidity	< 95% RH
Maximum Operating Altitude	< 2000m
Protection index	IP55
Weight	45kg
Dimensions (W x D x H)	636 x 330 x 188mm
Warranty Structure	15 Years (25°C)
Life cycle	> 6000 (25°C)
Parallel Operation - Maximum	8 (327.68kWh)
Certificates	CEIEC62619, IEC61000-6-1/3, UN38.3, etc

