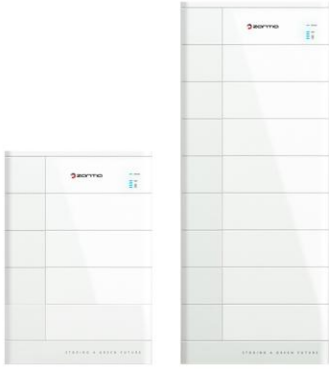


# BATTERIES



## ZNT 2500 HV battery

### Electrical Energy Storage

#### Main Features

- Multi-level power management, longer battery life
- Modular design, allows for 4 to 10 batteries in series, connection cables included

- Remote connection for real-time diagnosis and information
- Use of high-performance processors, better stability and performance

#### Product Description New 2.5kWh

lithium-ion battery, for use in various photovoltaic solar energy installations. Modular design, allows for 4 to 10 batteries in series. For Three-Phase Hybrid Inverters .

**Note:** Installation of the Control Module in each set of batteries is mandatory. **The minimum number of batteries is 4 units.**

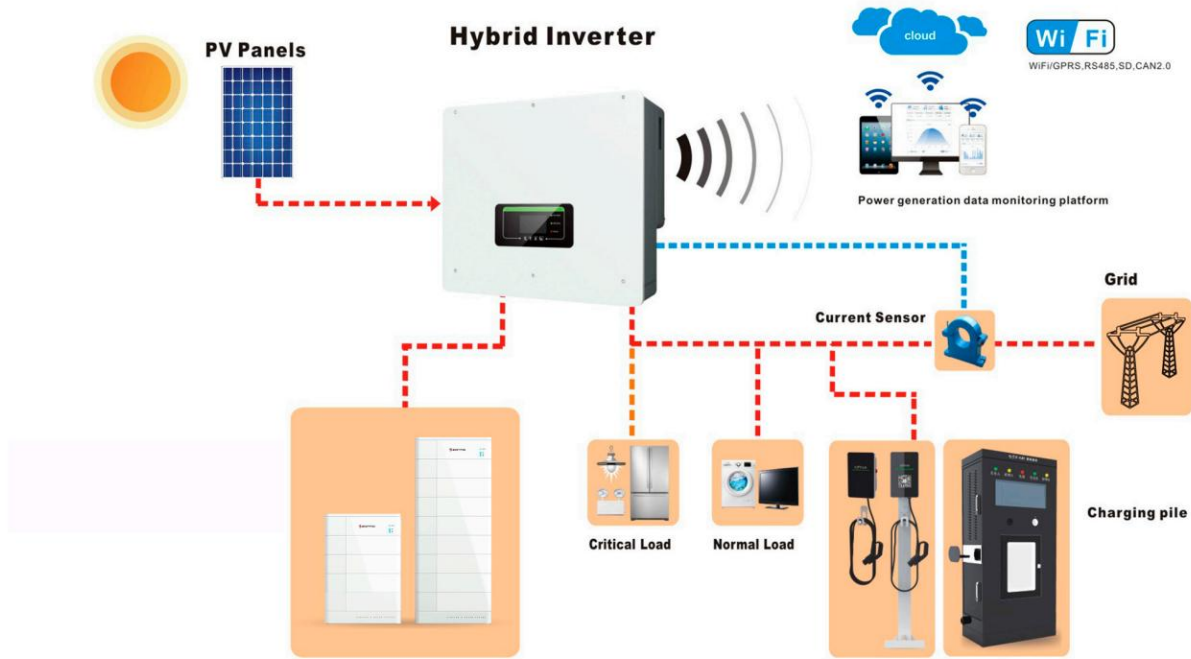
### Models and Prices

Code	Model
2704-9716	ZNT 2500 HV battery (2.5kWh)
2704-9717	ZNT 2500 Battery Control Module

All models made to special order.



### Components



# BATTERIES

FEATURES 2500 X 4		2500X5	2500X6	2500X7	2500X8	2500X9	2500X10
Number of Batteries	4	5	6	7	8	9	10
Nominal Voltage	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Max Voltage Charge	230.4V	288V	345.6V	403.2V	460.8V	518.4V	576V
Max Voltage Discharge	182.4V	228V	273.6V	319.2V	364.8V	410.4V	456V
Nominal Energy	10kWh	12.5kWh	15kWh	17.5kWh	20kWh	22.5kWh	25kWh
Available Energy (90% DOD)	9kWh	11.25kWh	13.5kWh	15.75kWh	18kWh	20.25kWh	22.5kWh
Dimensions WxDxH (mm)	515x480x770 515x480x895 515x480x1020			515x480x1145	515x480x1270 515x480x1395 515x480x1520		
Weight	138kg	168kg	198kg	228kg	258kg	288kg	318kg

CHARACTERISTICS FROM THE BATTERY							
Battery Type				LiFePO4 Lithium Iron Phosphate			
Nominal capacity				50Ah			
Total Energy				2500Wh			
Nominal Voltage				51.2V			
Cooling				Natural			
Load Current Nominal				25A			
Load Current Maximum				30A			
current Nominal Discharge				25A			
current Maximum Discharge				30A			
temperature Operation				-20°C to 60°C			
temperature Storage				<25°C (12 Months) <35°C (6 Months) <45°C(3 Months)			
Humidity of Operation				< 95% RH			
Maximum Altitude Operation				< 2000m			
Stackable				up to 10 units			
Protection Index				IP65			
Weight				30kg			
Dimensions				515*478.8*125mm			
Certificates				IEC62619, UN38.3 IEC62040-1,SAA,etc			
Life cycle				6000 Cycles@80%DOD /25/0.5C,60%EOL			

