

NEUTRON

HOME ENERGY STORAGE SYSTEM

NTSB Series

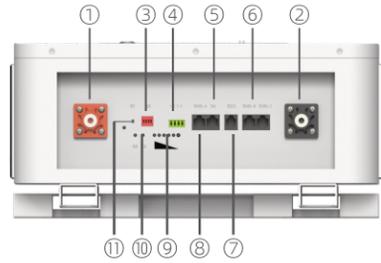


- Top brand A-grade LifePO4 battery, super safe
- Support wall-mounted or floor-standing installation
- Cycle Life: Up to 8000 cycles
- Smart BMS perfectly matches solar system
- Support multiple battery packs in parallel
- Multiple communication protocols match 10+ brands inverter

NTSB-WB512-MW5120

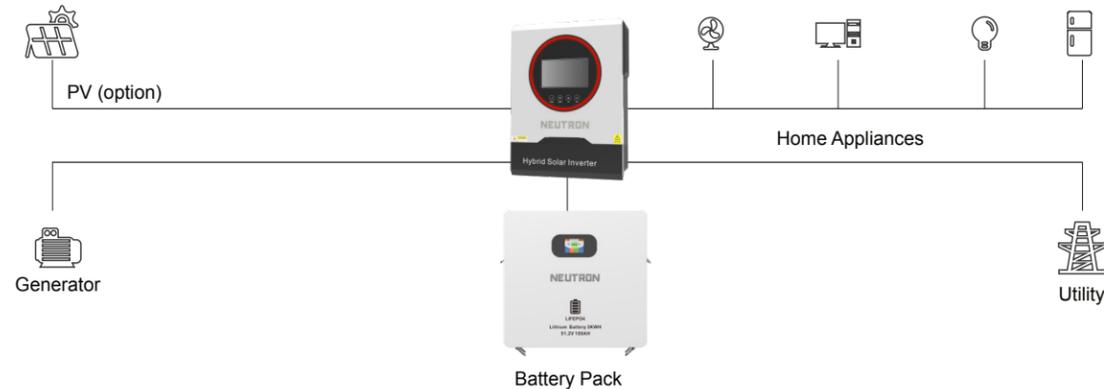


Back panel description



- | | |
|--------------------------------|---------------------------|
| 1. Positive pole | 7. RS232 |
| 2. Negative pole | 8. RS485 |
| 3. Dip switch | 9. Power indicator light |
| 4. Dry contact | 10. Alar mindicator light |
| 5. CAN Port | 11. Reset button |
| 6. Parallel communication port | |

System Connection Diagram



Specification

Model		NTSB-WB512-MW5120
Rated battery voltage		51.2V
Electrical specification	Rated capacity	5kWh
	Nominal capacity	100Ah
	Combination	16S1P
	Cycle life	≥8000 cycles @80% DOD @25°C
	Monthly self-discharge	3%/month
	Charge efficiency	≥97%
	Discharging efficiency	≥98%
Charging standard	Recommended charging voltage	57.6V
	Recommended charging current	20A
	Maximum charging voltage	58.4V
	Maximum charging current	200A
Discharging standard	Recommended discharge current	100A
	Maximum discharge current	200A
	Discharge cut-off voltage	43.2V
Physical	Dimensions(W*D*H)(mm)	505*480*190mm
	Package size(W*D*H)(mm)	563*558*286mm
	Net weight (kg)	46.5kg+1kg
	Gross weight (kg)	52kg+1kg
	IP protection	IP30
	Shell material	Metal
	Optional functions	Anti-theft LCD
Environment	Charging temperature range	0°C~45°C
	Operating temperature range	-20°C~60°C
	Storage temperature	0°C~40°C
	Humidity	10% to 85% RH (No condensing)

*Product specifications are subject to change without further notice