

# NEUTRON

## HOME ENERGY STORAGE SYSTEM

### NTSB Series

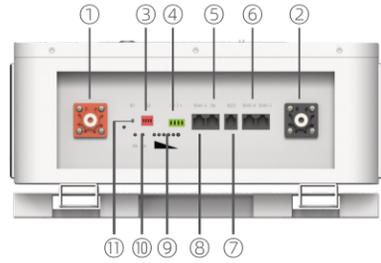


- Top brand A-grade LifePO4 battery, super safe
- Support wall-mounted or floor-standing installation
- Cycle Life: Up to 8000 cycles
- Smart BMS perfectly matches solar system
- Support multiple battery packs in parallel
- Multiple communication protocols match 10+ brands inverter

NTSB-WB512-MS10240

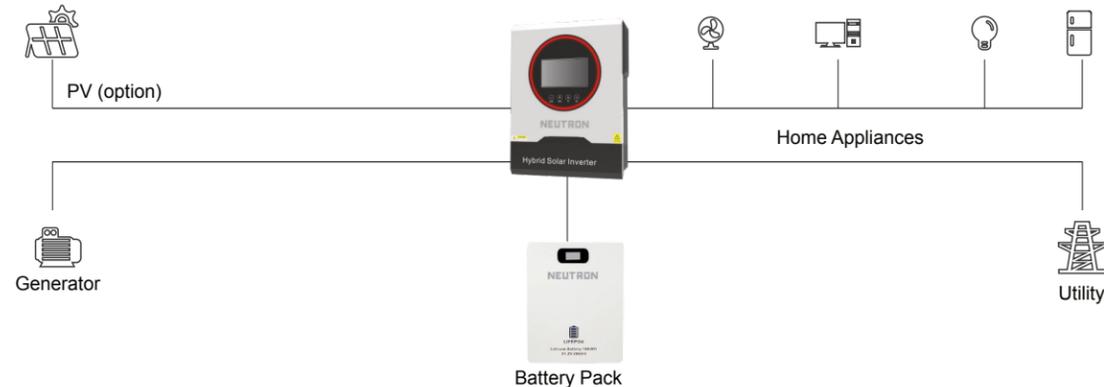


### Back panel description



- |                                |                           |
|--------------------------------|---------------------------|
| 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



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## Specification

Model		NTSB-WB512-MS10240
Rated battery voltage		51.2V
Electrical specification	Rated capacity	10kWh
	Nominal capacity	200Ah
	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	40A
	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)	555*505*260mm
	Package size(W*D*H)(mm)	670*560*420mm
	Net weight (kg)	88.5±1kg
	Gross weight (kg)	102±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