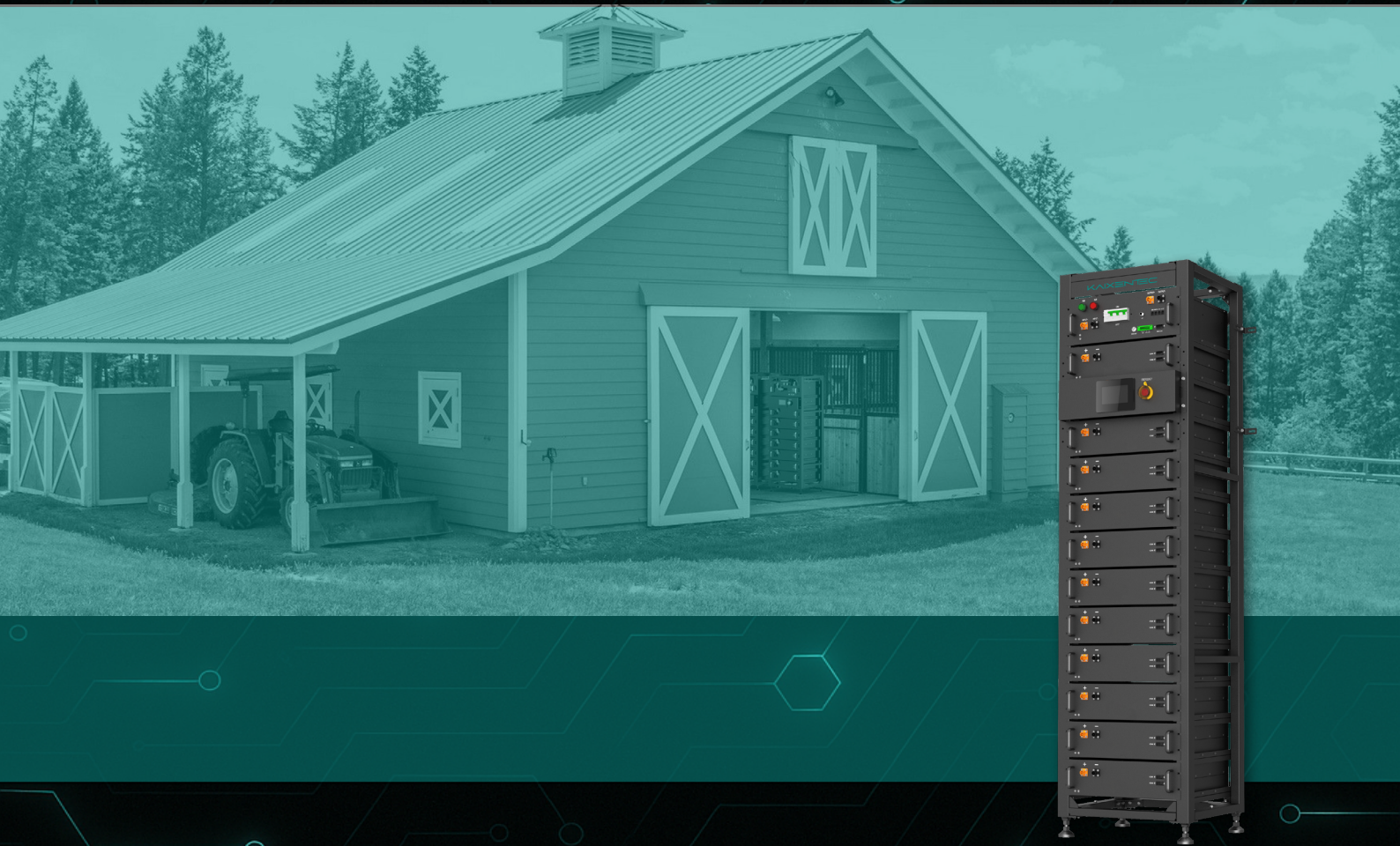


SHOGUN SERIES

High-voltage lithium-ion battery

Energy
from 15.36kWh
to 61.44kWh



Modular, Scalable Design

- Expandable from 3 to 12 modules in series, and up to 8 racks in parallel
- Compact 3U module form factor supports stacked, rack-mounted, or cabinet installations
- Flexible configurations for residential and small business energy storage

Safety & Compliance

- Uses high-stability LiFePO₄ chemistry with self-developed BMS
- Built-in protection for overcharge, over-discharge, active balancing etc.
- Certified to IEC62619, UL1973, UL9540A, UN38.3, RoHS, CE

Smart Monitoring & Compatibility

- Compatible with most inverters in self-consumption, backup, and off-grid systems
- Built-in RS485 / CAN communication and optional LCD display
- Remote diagnostics and app-based monitoring supported

Optimized for Installation & Longevity

- Over 6000 cycle life at 90% DoD and 0.5C rate
- Low-maintenance, tool-free module replacement
- Available in black or white, with EU/US standard options

Shogun Series Technical Parameters

Model	153V-100A	204V-100A	256V-100A	307V-100A	358V-100A	409V-100A	460V-100A	512V-100A	563V-100A	614V-100A
Number of battery modules	3 (Min)	4	5	6	7	8	9	10	11	12
Nominal voltage	153.6 V	204.8 V	256 V	307.2 V	358.4 V	409.6 V	460.8 V	512 V	563.2 V	614.4 V
Manage battery energy	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh	46.08 kWh	51.2 kWh	56.32 kWh	61.44 kWh
Operation voltage range	139.2~175.2 V	185.6~233.6 V	232~292 V	278.4~350.4 V	24.8~408.8 V	371.2~467.2 V	417.6~525.6 V	464~58.4 V	510.4~642.4 V	556.8~700.8 V
Module nominal voltage	51.2 V									
Module energy	5.12 kWh									
Manage battery capacity	100 Ah									
Recommend charging current	50 A									
Max. charging current	60 A									
Recommend discharging current	50 A									
Max. discharging current	80 A									
Communication to inverter	RS485 / CAN									
Display	LED indicator, LCD display (Optional)									
Rating	IP20									
Cycle life	≥6000 Cycles @25°C @70%EOL @0.5C , 90% DOD									
Module dimension (W*D*H)	442*460*133.5 mm (17.4*18.1*5.2 inch)									
Battery module weight	≈45 kg (99.2 lbs)									
Dimension (W*D*H)	546*584*1560 mm (21.4*22.9*61.4 inch)						546*584*2121mm (21.4*22.9*83.5 inch)			
Operation temperature range	Charge 0~50°C (32~122°F), Discharge -10~55°C (14~131°F)									
Relative humidity	5%~90%, No condensation									
Install altitude	≤4000 m									
Installation	Stack mounted / Rack mounted / Cabinet mounted									
Certification	UN38.3, CE									

* The actual product may differ slightly from the pictures.
* The specifications are subject to change without prior notice.