nRuiT
ENERGY SYSTEMS



POWER PORTER

RESIDENTIAL ENERGY STORAGE

CAPACITY

5.0 / 9.0 / 10.0/ 11.0/ 12.0/ 14.0 / 15.0/ 16.0kWh



- Use CATL LFP cells and cobalt free, no memory effect, high performance.
- Scalable design, wall or floor mounted.
- BMS 2.0 Smart parallel equalization algorithm, millivolt level charging control policy.
- **Compatible with most mainstream inverters brands like Deye Victron Goodwee Growatt Tbb Luxpower Voltronic etc.**
- Subsidiaries and distributors worldwide offer local support.
- IOT Internet of Things module technology, which can user friendly APP could monitor and maintain remotely. 5 years product warranty, 10 years battery warranty.

Latest catl cells technology

① Ultra-low heating power: RTE 94.5% ⟶ 96%
heating power reduced by 30%

② High return on investment: 20Y 70% SOH, The available power of EOL is in creased by 11%, improving the reporting rate of investment throughout the life cycle

③ ultra-low storage attenuation rate: The ultra-low static attenuation rate allows highly active batteries to remain dormant under off-grid conditions

CE IEC RoHS UK CA UN38.3 PASSED REACH compliant MSDS

HTTPS://WWW.XINREX.COM.CN

PRODUCT PARAMETER

Model	Power Porter 5.0	Power Porter 9.0	Power Porter 10.0	Power Porter 11.0	Power Porter 12.0	Power Porter 14.0	Power Porter 15.0	Power Porter 16.0
Battery Data								
Nominal Energy	5.12kWh	9.01kWh	10.2kwh	11.67kwh	12.28kWh	14.33kWh	15.46kWh	16.07kwh
Rated Capacity	100Ah	176Ah	202Ah	228Ah	240Ah	280Ah	302Ah	314Ah
Nominal Current	100A	100A	100A	100A	100A	200A	200A	200A
Nominal Voltage	51.2V							
Operating Temperature	0℃ to 55℃（Charge） -20℃ to 60℃ （Discharge）							
General Data								
Installation	Wall or Floor mount	Wall or Floor mount	Wall or Floor mount	Wall or Floor mount	Wall or Floor mount	Wall or Floor mount	Floor mount	Floor mount
Dimension (H/W/D)	745 / 460 / 165 mm	830 / 460 / 200 mm	830 / 460 / 200 mm	830 / 460 / 200 mm	980 / 460 / 200 mm	980 / 460 / 200 mm	980 / 460 / 230 mm	980 / 460 / 230 mm
Weight	51kg	75kg	93kg	98kg	112kg	118kg	120kg	120kg
Protection Class	IP31							
Scalability	Up to 15 units							
DOD	90%							
Communication	CAN2.0 / RS485							
Certification And Standards	UN38.3、IEC62619、CE							
Warranty	5 Years Product Warranty, 10 Years Battery Warranty							
Guaranteed Cycles	>6000				>10000			
Compatible Inverters	Growatt, Deye, Victron, Lux Power, GoodWe, TBB, Megarevo, etc.							

· When the temperature is below 0 ℃ or above 45℃, the performance will be limited.

· Test conditions: 0.2C Charging/Discharging, @25C, 80% DOD.

Information may be subject to change without notice during product improving.

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