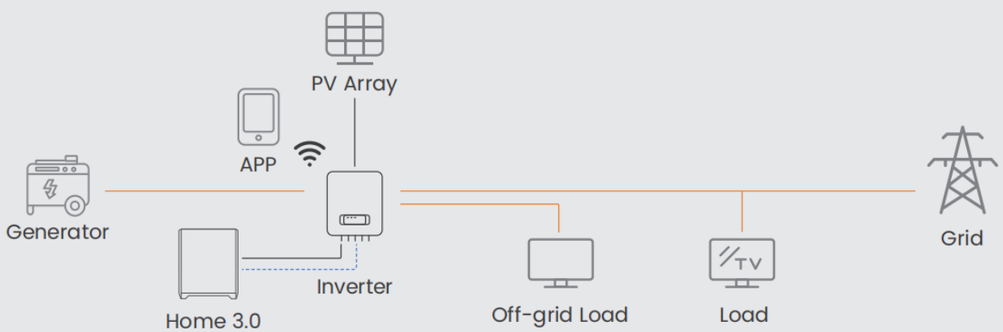


Product selling points

- Intelligent O&M system, visual management
- High compatibility, suitable for mainstream PCS
- Multiple safety protections, active operation & maintenance
- IP65 rugged protection, stable operation in all scenarios





Home 3.0 HSD51.2-05P16L

Product Introduction

Home 3.0 is a household energy storage product independently developed by Guoxuan Gaoke. it has a rated power of 8kw and a standard capacity of 16kwh. it uses the same 3l4Ah battery cells as the large storage model.it can be used in conjunction with photovoltaic power generation or the power grid to achieve self-generation and self-consumption, emergency backup powel supply, and maximize economic benefits.

Product Parameters

Parameter Name	Basic parameters
Product model	Home 3.0 HSD 51.2-05P16L
Rated Capacity	314Ah
Nominal Energy	16.08kWh
Operating Voltage Range	43.2V-57.6Vdc
Rated Output Voltage	230Vac
Nominal Voltage	51.2Vdc
Standard Charging Current	157A
Maximum Charging Current	190A(persistent)
Maximum Discharge Current	190A(persistent)
Maximum Output Power	8kw
Chareing Operating Temperature Range	-20°C~55°C (The heating film is activated for heating below 5°C, and the internal power supply is used for heating)
Discharge Operating Temperature Range	-20°C~59°C (The heating film is activated for heating below 5°C, and the internal power supply is used for heating)
Operating Humidity Range	5-95%
Class of Protection	-20°C~59°C (The heating film is activated for heating below 5°C, and the internal power supply is used for heating)
Cooling Mode	natural cooling
Elevation	<3000m
Size(W * D * H)	687x223x738mm
Weight	≈125±3kg
Communication mode	CAN、RS485
Meet the Standard	IEC62619 / IEC60730 / EMC / IEC63056 / UN38.3