

# Balcony Micro-storage system

## Plug and play

All-in-one Hybrid Energy Storage System

1200W/2.6KWH



1200W Max Input/  
Output Power



All-In-One design



Floor-standing design  
easy to install



Supports  
off-grid operation



### Hybrid Inverter 1200

#### AC(On-Grid)

Adaptive network type	Single phase
Rated power	1200W
Maximum apparent power	1200VA
Nominal voltage	230Va.c.
Maximum current output	5.5Aa.c.
AC frequency	50Hz
THDu/THDi	<1%
Power factor adjustment range	-0.8~0.8

#### AC(Off-Grid)

Rated power	1200W
Nominal grid voltage	230Va.c.
Max Output Current	5.5Aa.c.
DC frequency	50Hz

#### DC(PV Input)

Number of MPPT	2
Recommend maximum power of PV module	700Wp*2
Recommend PV Vmp	28~48Vd.c.
PV input voltage	60Vd.c.
Starting voltage	20Vd.c.
Max. input current (per MPPT)	20Ad.c.

#### Features

Operating temperature	-20~55°C
Operating relative humidity	0-100%RH
Maximum working altitude	4000m(if>2000m, the operation derates)
Cooling Enclosure	Natural convection
Enclosure	IP65
Dimensions(WxHxD)	450mm*370mm*205mm
Weight	29.5kg

#### Efficiency

Maximum efficiency of PV charging	98%
Discharge the battery to AC maximum efficiency	95%

#### Communication

Bluetooth	1
WiFi	1

#### Battery Parameter

Rated Voltage	51.2V(16S)
Battery Energy	2.6kWh
Life Cycle	<6000(25°C,0.5C, 70%EOL)
Battery Type	Semi-solid battery
Depth of Discharge	90%
Battery Capacity	50Ah

