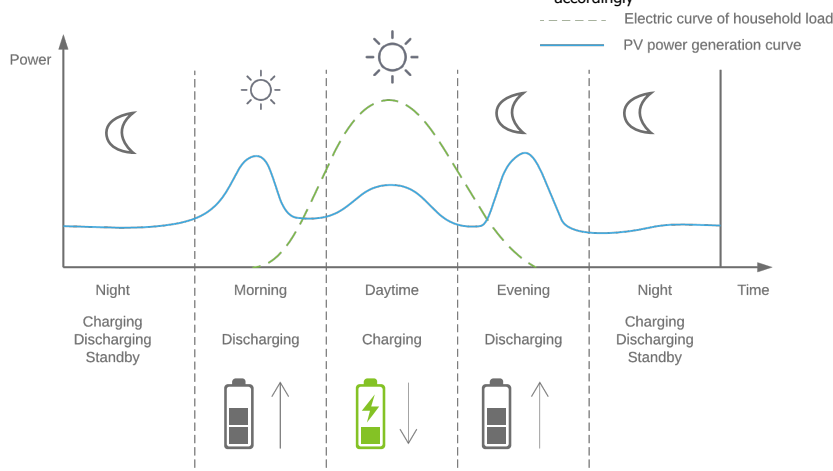
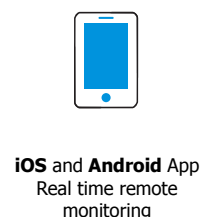
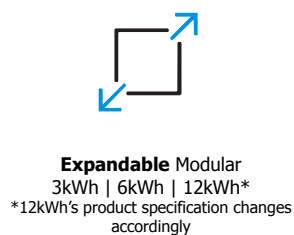
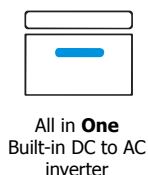
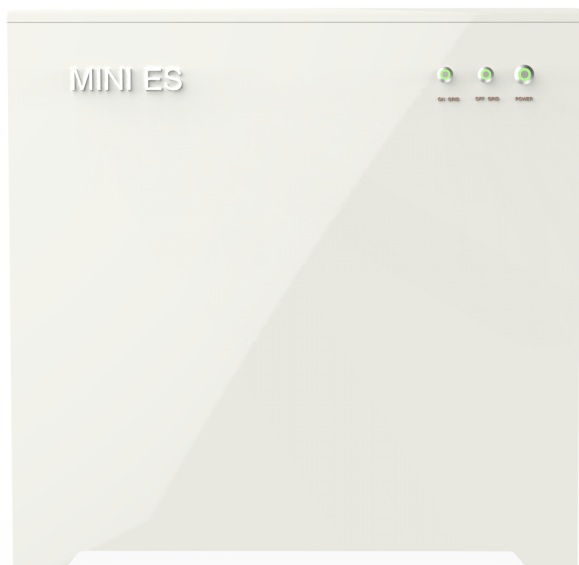


MINI ES

Energy Storage

BYD MINI ES Energy storage system allows you to be **in control of your power** consumption and manage your power bill more effectively.

Mini ES can integrate with your photovoltaics (PV) systems. It can store excess electricity generated by your PV system or charge when electricity is cheap throughout the day. You can schedule it to power your house when you need it most, such as peak times in the evening or when the sun has gone down.



Internal Structure



Off Grid

- Voltage Range**
228V~232V
- Rated Current**
8A
- Usable Power**
2kVA
- Rated Frequency**
50HZ
- THD**
<3%
- Power Factor**
-0.9~+0.9
- Overload Protection**
15min at 1 Inom~1.1 Inom
1min at 1.1 Inom
5s at >1.5 Inom

On Grid

- Rated Voltage**
240V
- Voltage Range**
180V~260V
- Rated Frequency**
50Hz
- Frequency Range**
47Hz~52Hz
- Max. Power**
3kW
- THD**
<5%
- Power Factor**
-0.99~+0.99

- Communication Interface**
RS 485 /Ethernet /Wifi
- Load (off-grid/on-grid)**
2kVA/3kW
- Certification**
SAA, Clean Energy Council
List
- Standard Compliance**
IEC/EN 62109-1:2010
IEC/EN 62109-2:2011
AS 62040-1-1:2003
EN 62477-1
AS/NZS61000.6.3:2012
EN 61000-6-2:2005
AS4777.2-2015
AS/NZS 4755.3.5-2016

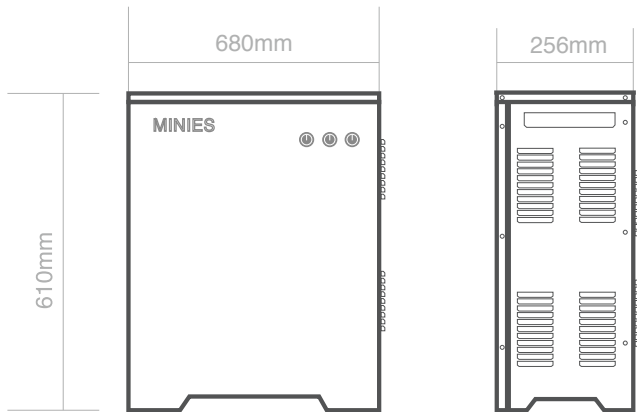
- IP Grade**
IP 32
- Operation Temperature**
0°C~40°C
- Operating Humidity**
5%~95%
- Protection**
Short Circuit
Over-Current
Over / under Temperature
AC over / under frequency
DC over / under frequency
AC over / under Voltage
DC over / under Voltage

3kVA/3kWh

Dimensions (WxDxH)
680mm x 256mm x 610mm

Weight
96kg

Chemical
LiFePO4



3kVA/6kWh

Dimensions (WxDxH)
686mm x 266mm x 915mm

Weight
160kg

Chemical
LiFePO4

