

# BYD Home Energy System



Based on the BYD Fe Battery technology and perfect IT resource integration capacity, BYD can provide the best solution and the most reliable services.

## HES-A500

BYD Home Energy System – **A500** is specially designed for off-grid application, with all main components assembled in one box, the system is small and portable.

**HES-A500** is the best solution for non-grid area to satisfy the basic demand of energy.



### System parameters

Electrical Characteristics	
Output Voltage	AC 220V 50Hz/60Hz
Output Power	MAX:400VA(Elevation<2000m)
Battery Capacity	1500Wh
PV Panel	285W*1pcs
Mechanical Characteristics(Host)	
Structure of the cabinet (W*H*D)	430*630*250 mm
Net Weight	45± 1 Kg
IP Grade	IP23
Operating Temperature	0~45℃
Storage Temperature	-20~60℃

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### Net Power System, Division 2, BYD

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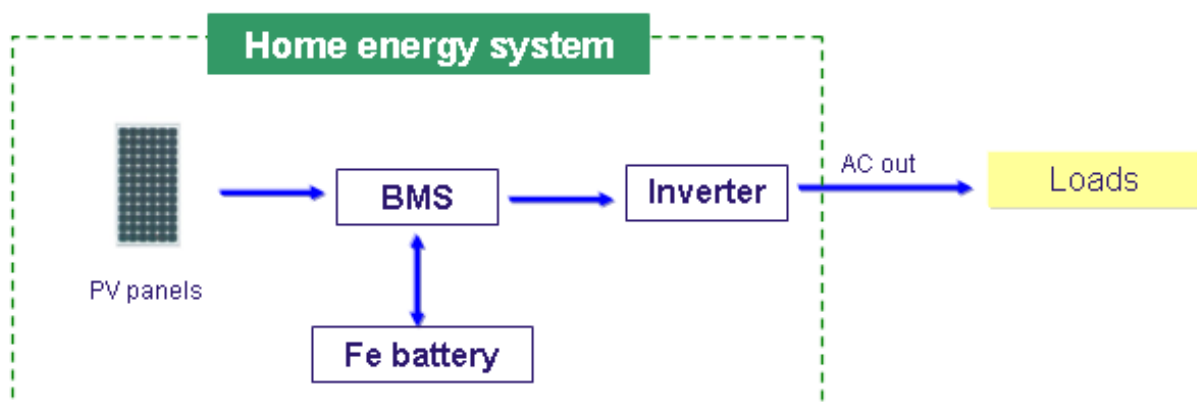
E-mail: [netpower@byd.com](mailto:netpower@byd.com)

[Http://www.bydit.com](http://www.bydit.com)





## System topology



## Advantages

- Integrated design, easy to assembly and maintenance
- Redundant safety design to cope with component failure or abusive conditions
- BYD Fe battery: The Fe battery has excellent advantages such as long service time, excellent efficiency with the charge and discharge, safety, high energy density, nice temperature performance and no pollution