

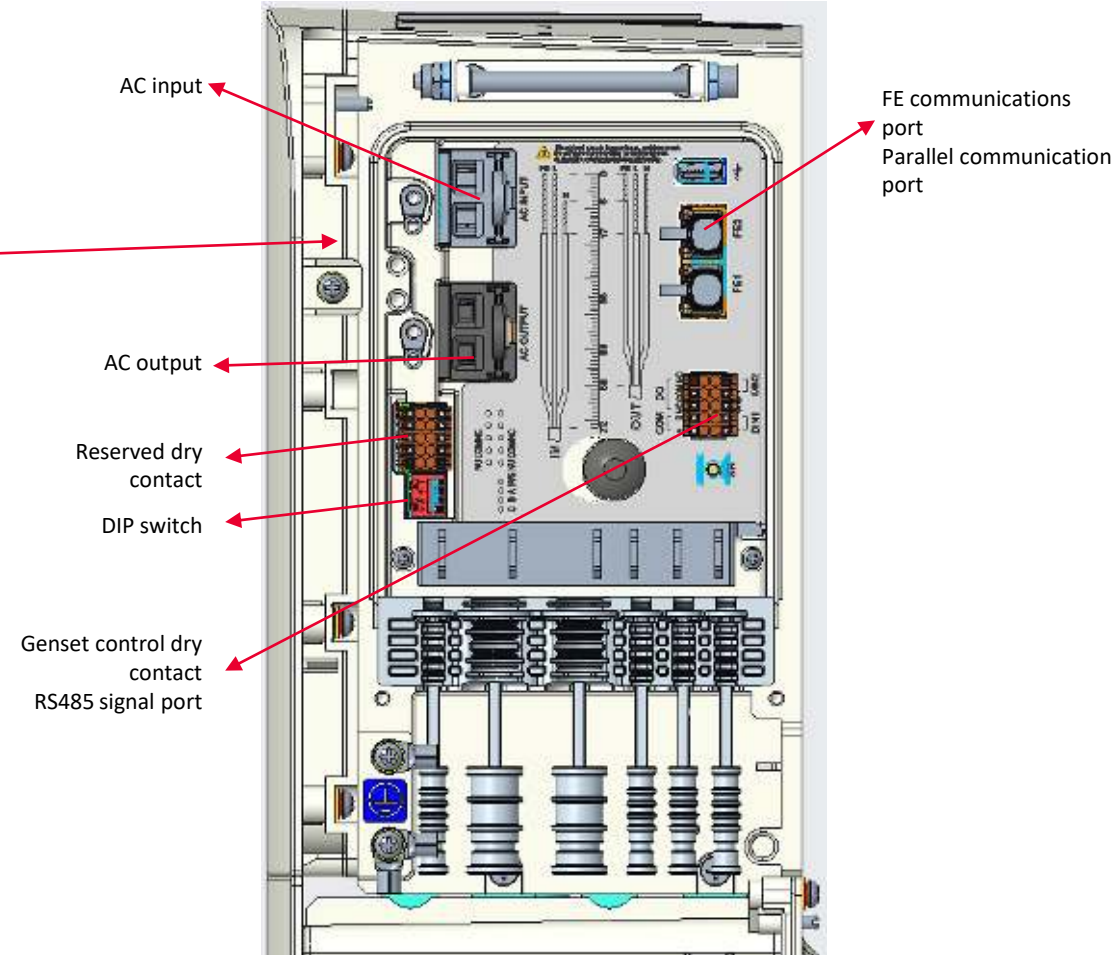
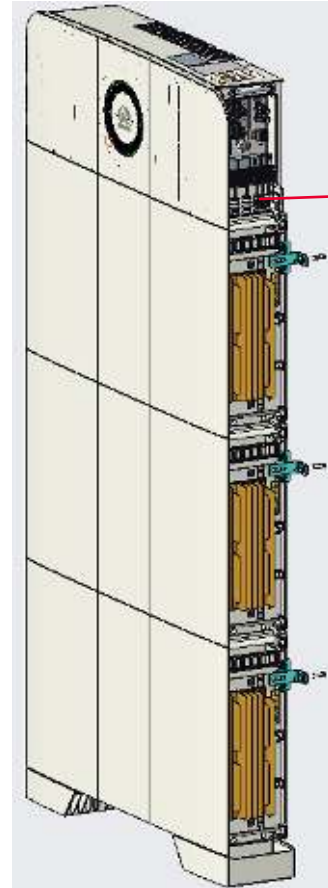
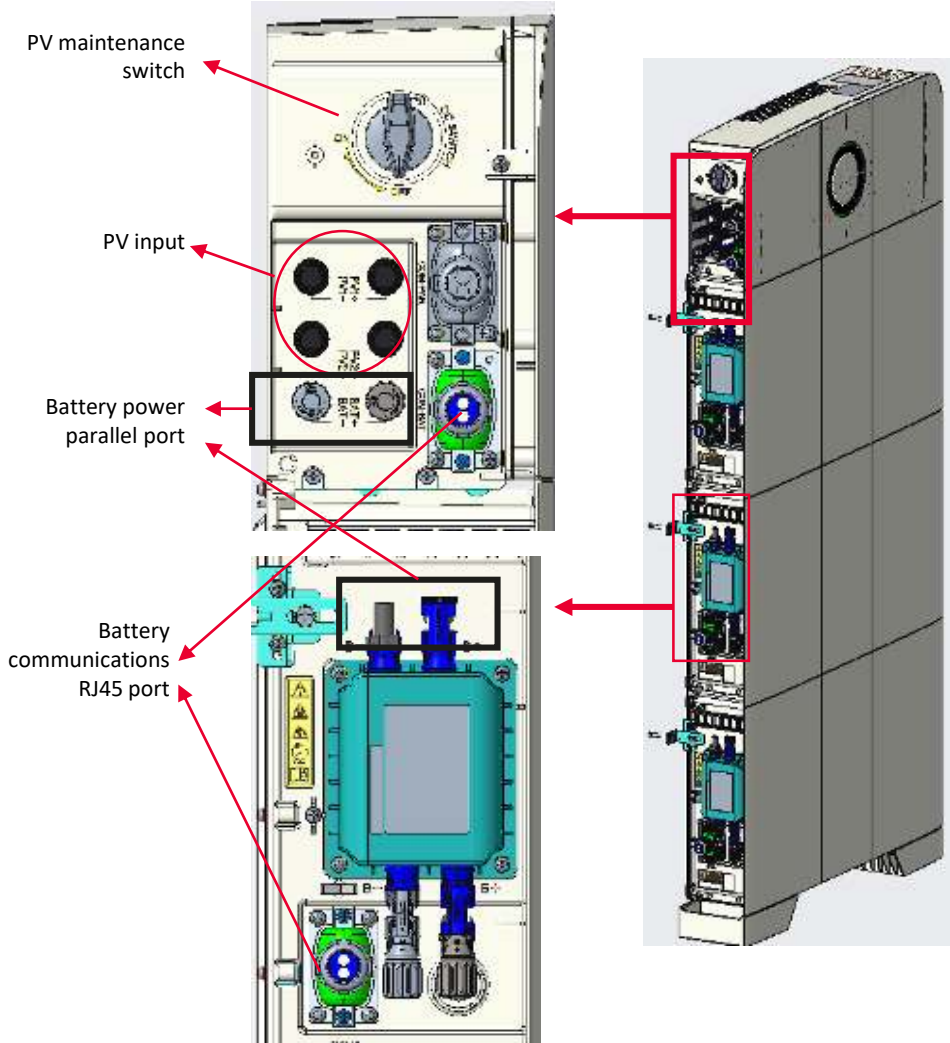
Huawei Digital Power Solution
Your Best Partner in Carbon Neutral Movement
Residential Product Introduction



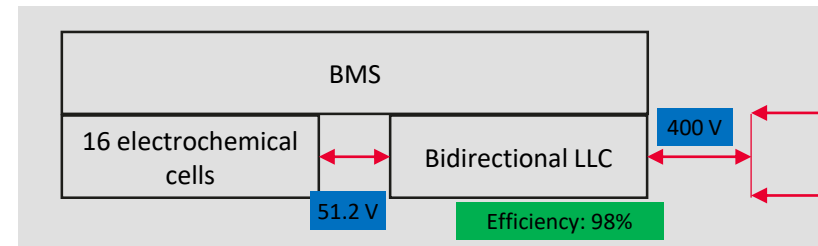
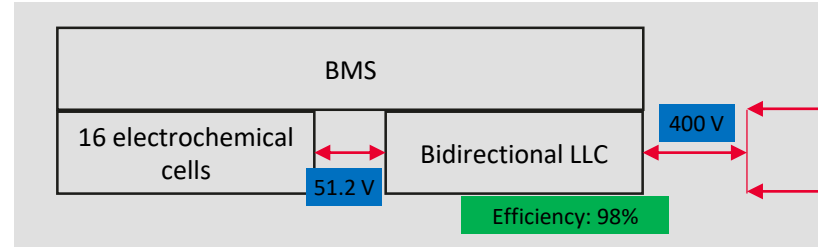
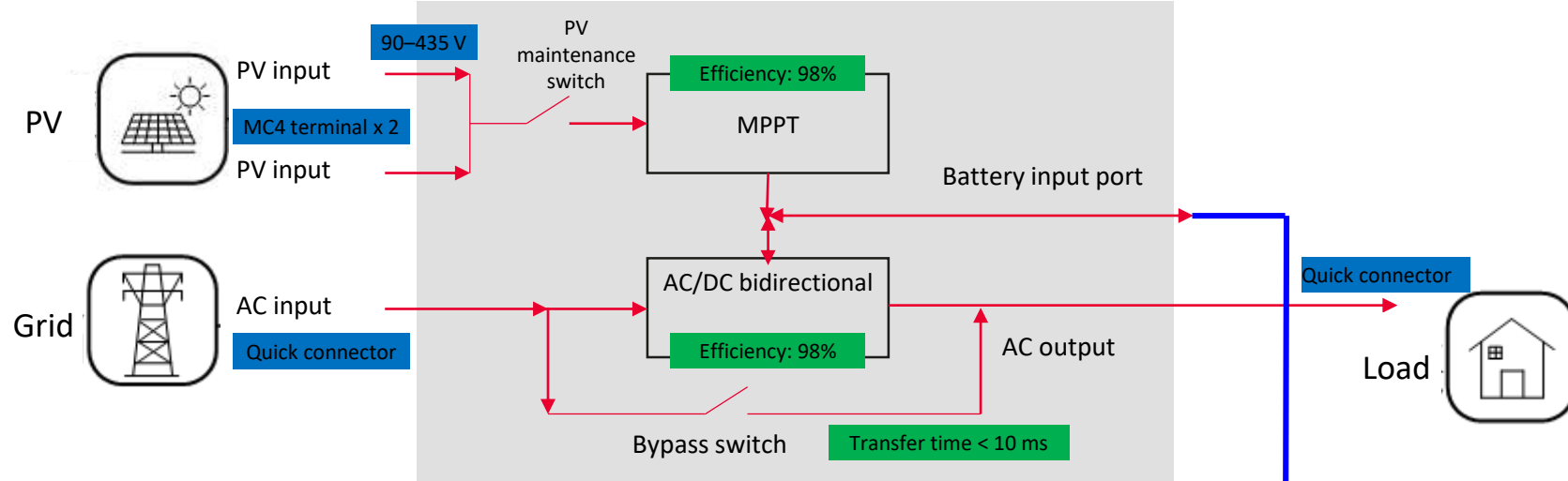
Technical



Ports on an iSitePower-M



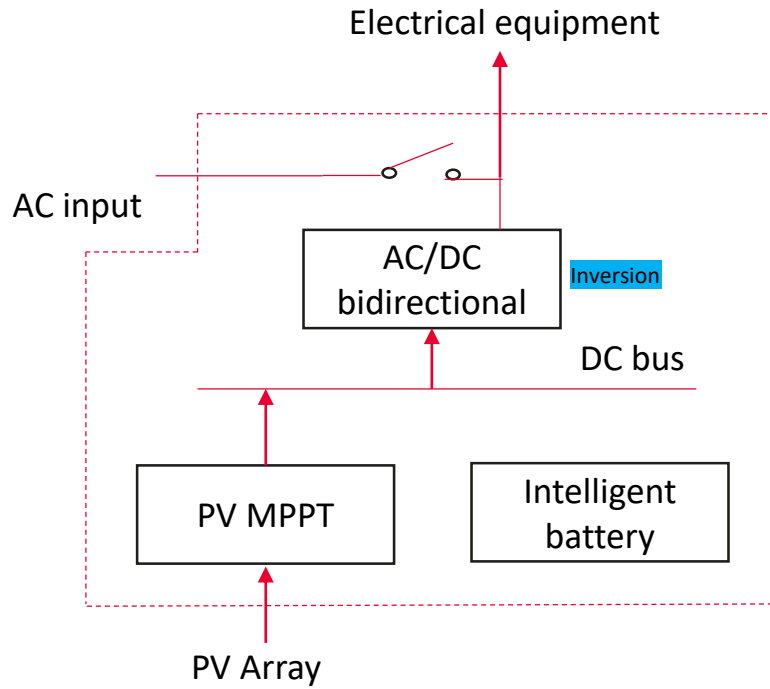
iSitePower-M Power Topology



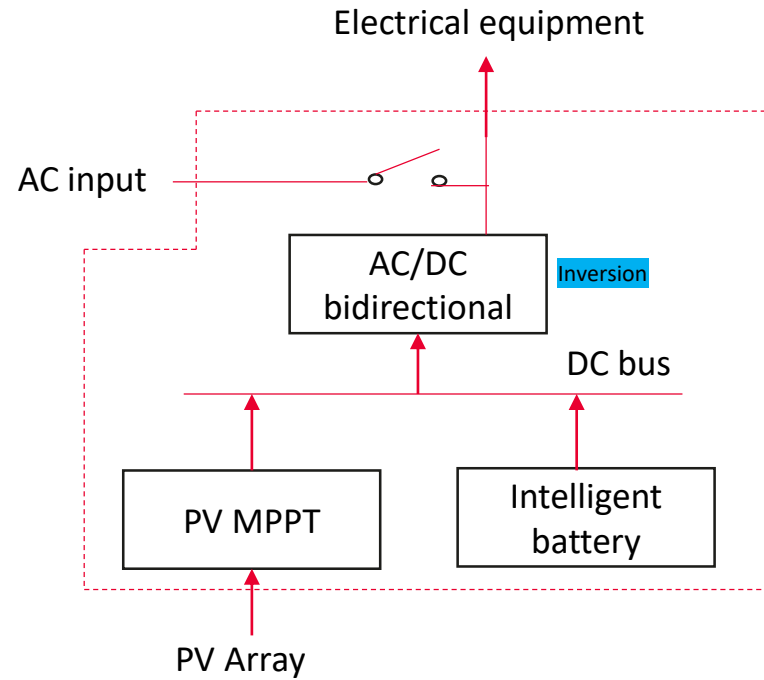
The efficiency is being commissioned and the final value may vary.

Connected to the next battery module in series.
Maximum: 6 lithium batteries

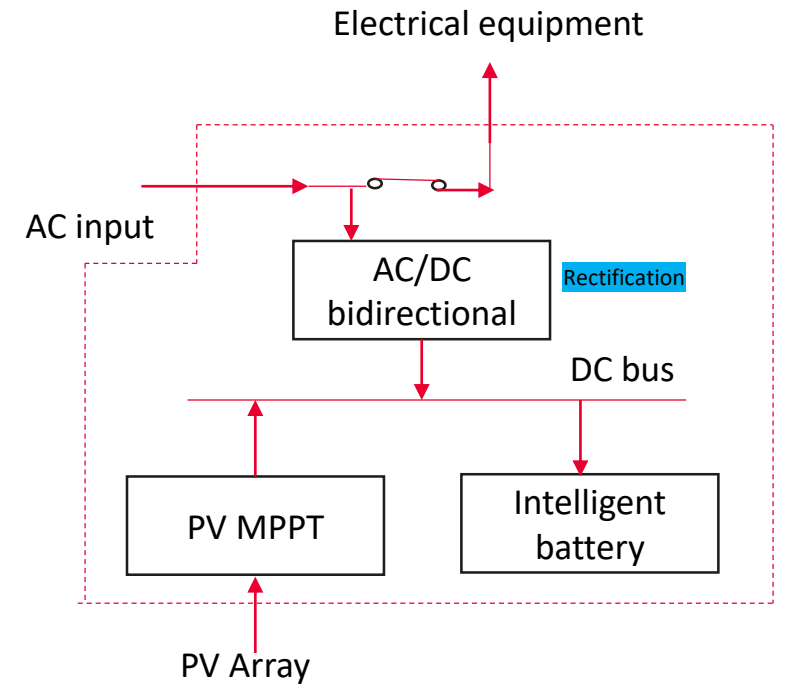
iSitePower-M Working Logic



PV power > Electrical equipment power



PV power < Electrical equipment power
The battery level is greater than the preset value.

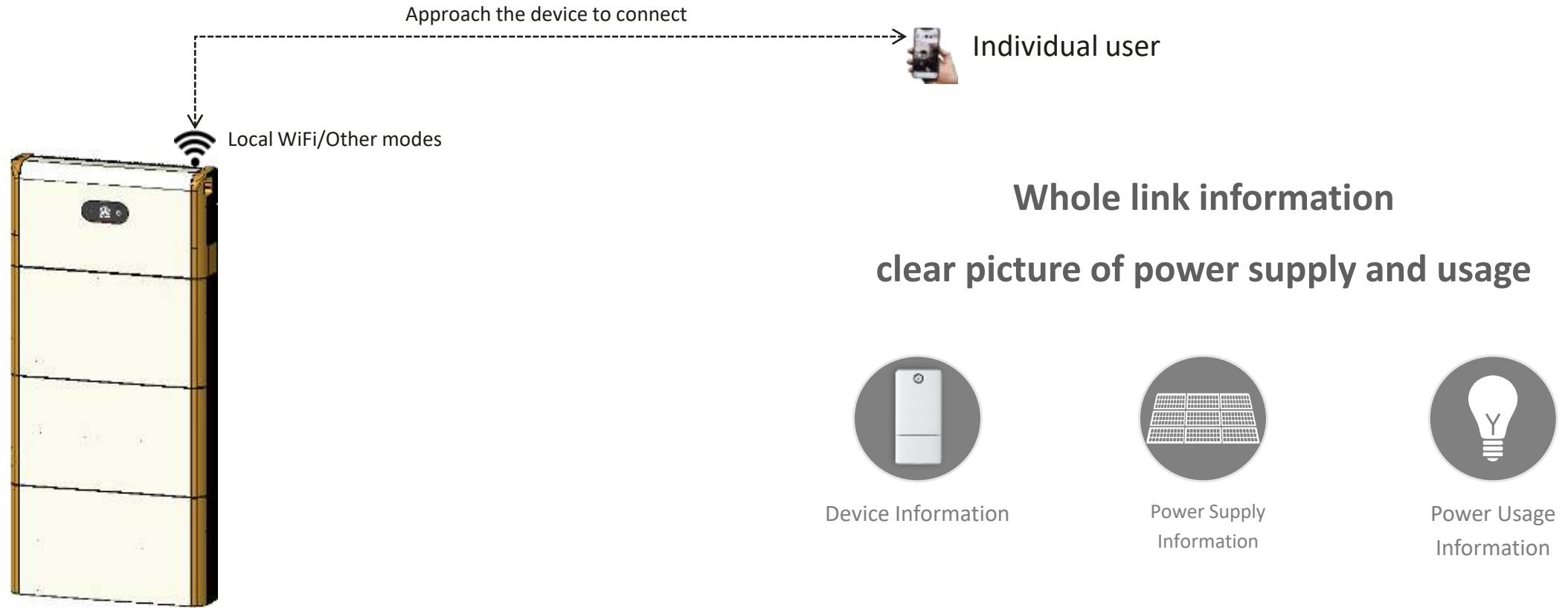


PV power < Electrical equipment power
The battery level is less than the preset value.

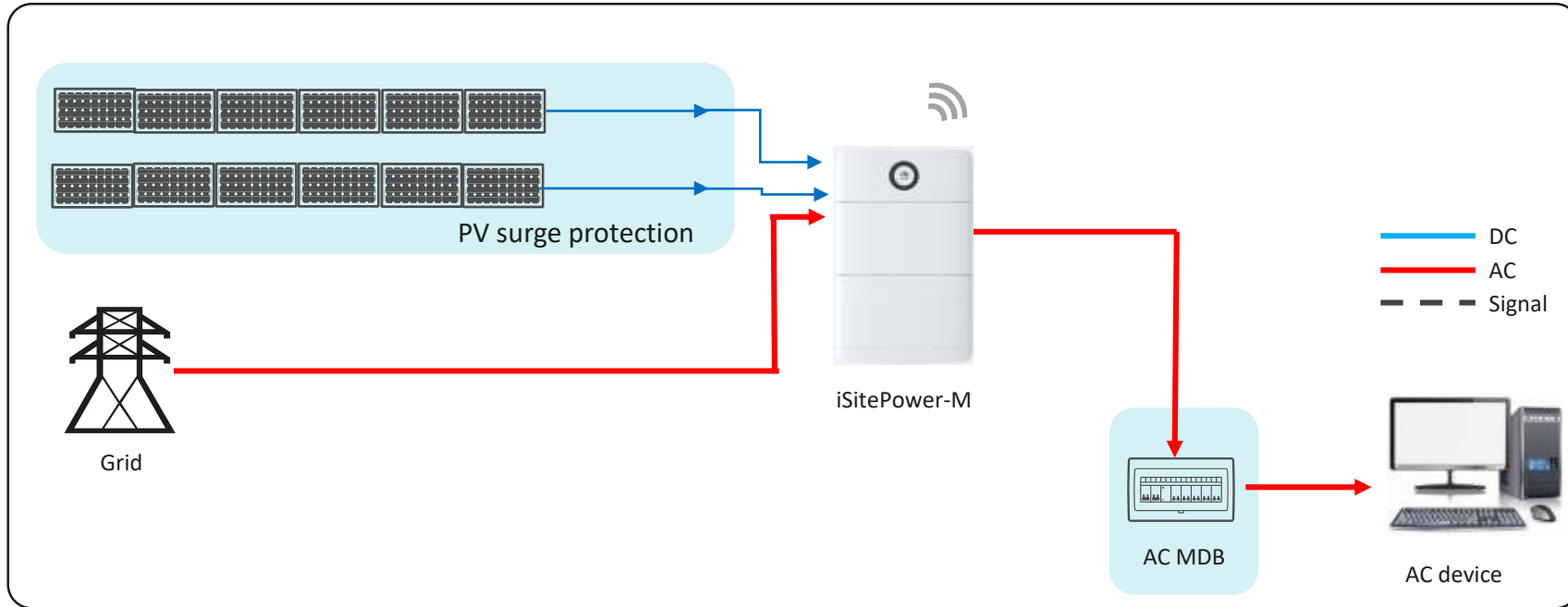
The working logic is as follows: PV > lithium battery > grid. Batteries are charged when the DOD drops to a preset value.



Networking Scenario – (Carriers and Integrated Energy Service Providers)



Configuration: 5 kWp PV Input, 5 kW AC Output, and 10 kWh Backup Capacity



- Supports two PV array inputs.
- The household power distribution box needs to be reconstructed according to the onsite load.

Item	Key Specification	Quantity	Remarks
PV storage inverter power module	PV generation capacity: 5 kW; off-grid output: 6 kVA/5 kW	1	
Battery module with high cycle performance	5 kWh energy storage, 2.5 kW output per battery module	2	
Ground-mounting bracket	iSitePower-M ground-mounting bracket	1	