

Specification



Specification	Basic Parameters	US2000B Plus	Phantom-S
<b>Nominal</b>	Nominal Voltage (V)	48	48
	Nominal Capacity (Wh)	2400	2400
	Usable Capacity (Wh)	2200	2200
<b>Physical</b>	Dimension (mm)	440*410*89	445*428*97.5
	Weight (Kg)	24	24
<b>Electrical</b>	Discharge Voltage (V)	45 ~ 54	45 ~ 54
	Charge Voltage (V)	52.5 ~ 54	52.5 ~ 54
	Charge / Discharge Current (A)	25 (Recommended)	25 (Recommended)
		50 (Max)	50 (Max)
	100 (Peak@15s)	100 (Peak@15s)	
<b>Others</b>	Communication Port	RS232, RS485, CAN	RS232, RS485, CAN
	Working Temperature/°C	0~50	0~50
	Shelf Temperature/°C	-20~60	-20~60
	Authentication Level	TÜV / CE / UN38.3	TÜV / CE / UN38.3
	Design life	10+ Years (25°C/77°F)	10+ Years (25°C/77°F)
	Cycle Life	>4500, 25°C	>4500, 25°C



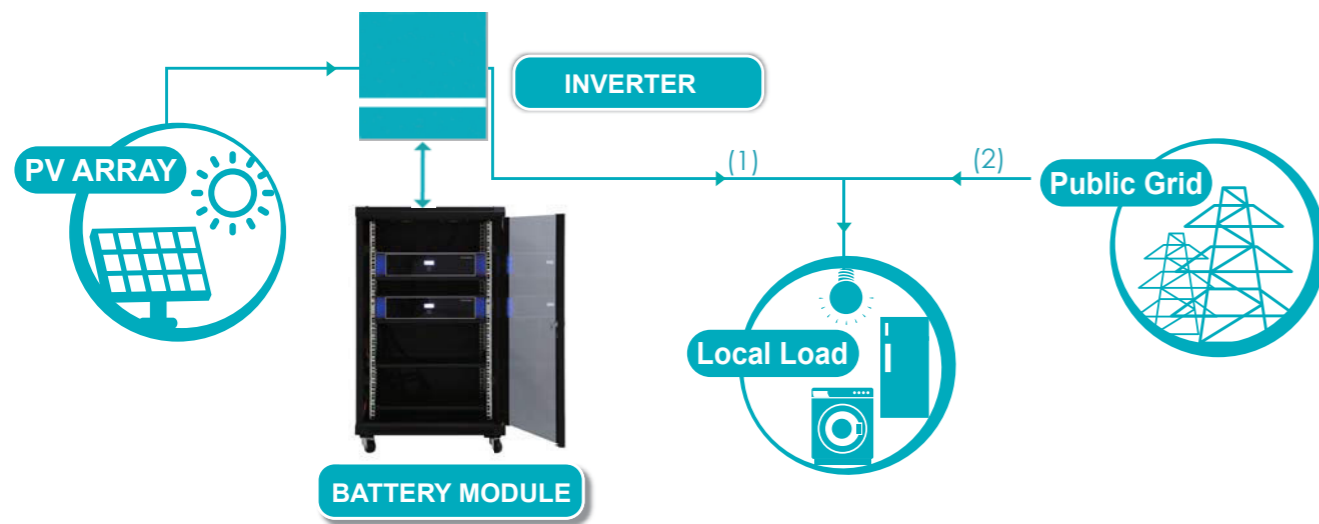
**LOW VOLTAGE ENERGY STORAGE SYSTEM  
-FOR RESIDENTIAL AND SME**



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## Solution of ESS



## Key Features of ESS

- Developed with our own LFP (lithium iron phosphate) cell to ensure the highest safety and most promising cycle life
- Self-designed BMS protects the cell in all angles such as abnormal temperature, current, voltage, SoC, SoH
- Maintenance free and easy installation saves the valuable main power

## Vertical industry integration chain



## Advantages

- Vertical industry integration ensures more than 4500 cycles with 90% DoD
- Compact and fashionable design fits in your sweet home environment
- Deliver up to 5KW with single module (2.4KWh)
- Modular design gives the end customers the power of choice of capacity
- Compatible with most of the available Hybrid inverters
- Simple buckle fixing minimize the installation time and cost
- Safety Cert.TÜV CE UN38.3

