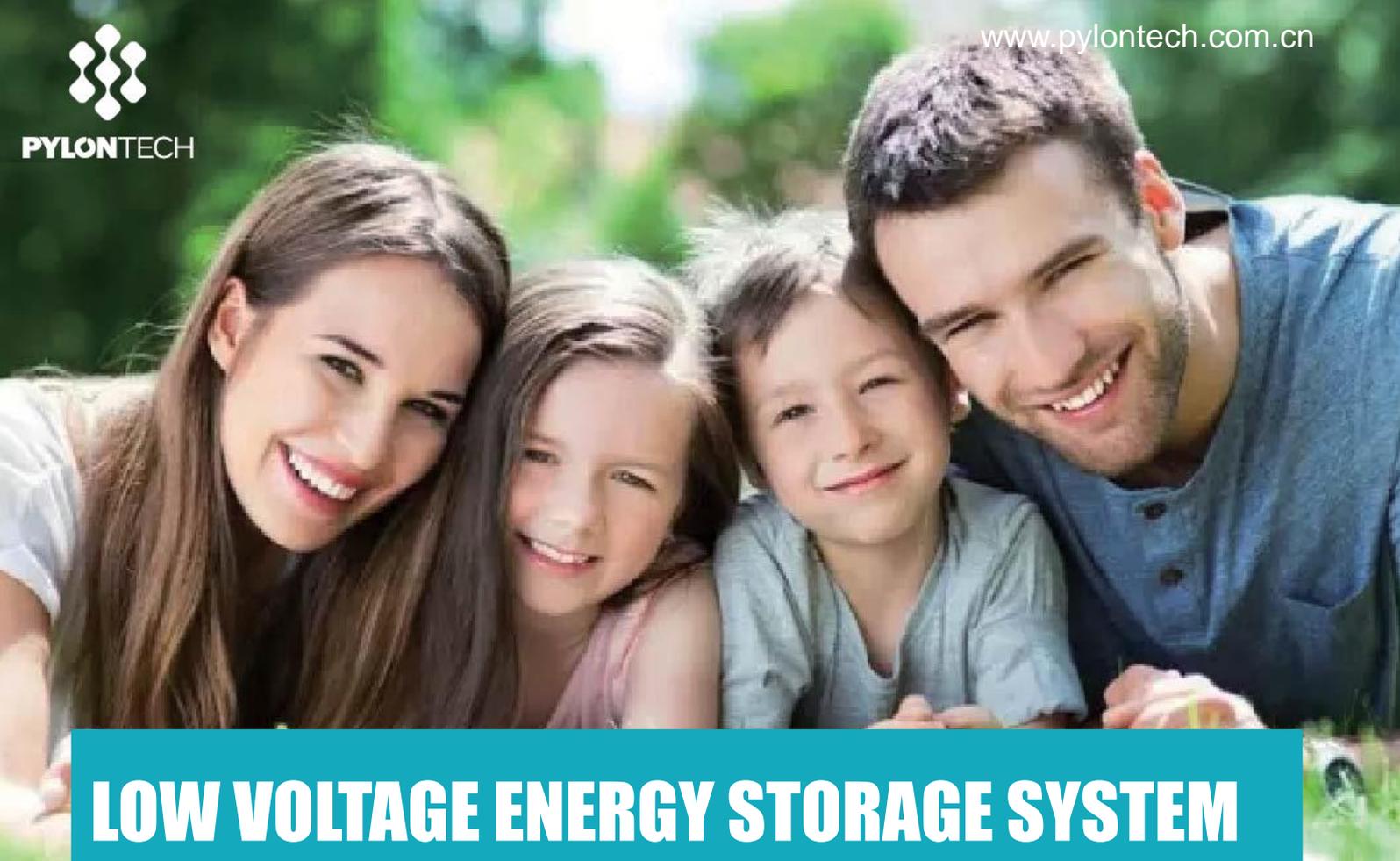




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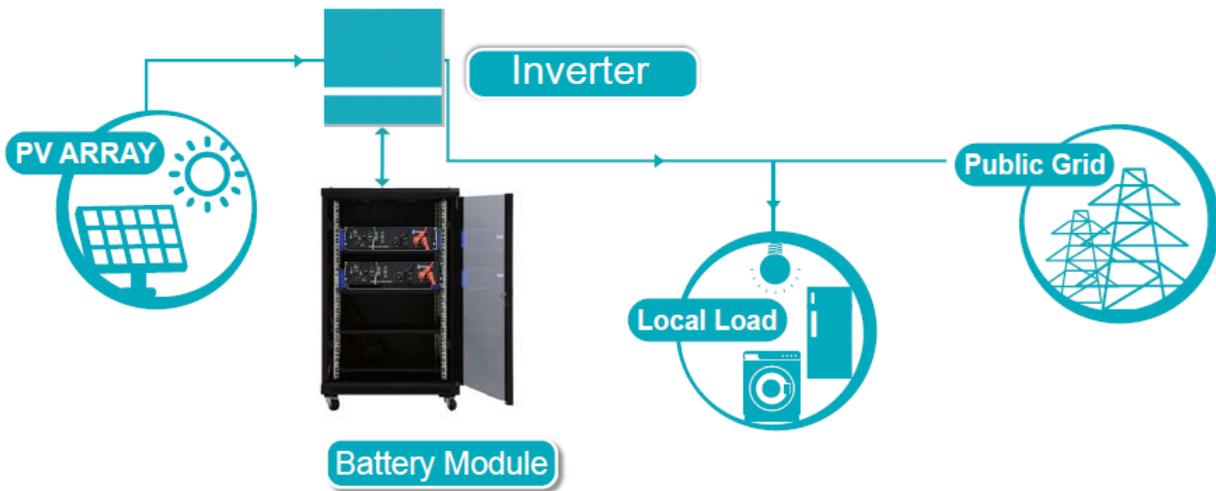
# LOW VOLTAGE ENERGY STORAGE SYSTEM — FOR RESIDENTIAL AND SME



US2000 Version B is the latest HESS battery system provided by Pylontech with our abundant experience of delivering our product into more than 5000 homes. It's long life character, highest energy and power density in the industry, fashionable design, easiness of installation and expansion, all reflects the real requirements of end users and strongest technical capability of Pylontech.

## Advantages

- ◆ Vertical industry integration ensures more than 6000 cycles with 80% DoD
- ◆ 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
- ◆ Compact and fashionable design fits in your sweet home environment
- ◆ Safety Cert.TÜV, CE, UN38.3, TLC



## Features

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 angels such as abnormal temperature, current, voltage, SoC, SoH.

No maintenance and easy installation saves the valuable main power.

## Specifications

SPECIFICATION	BASIC PARAMETERS	US2000B
Nominal	Nominal Voltage (V)	48
	Nominal Capacity (Ah)	50
Physical	Dimension (mm)	440*410*89
	Weight (Kg)	24
Electrical	Discharge Voltage (V)	45 ~ 54
	Charge Voltage (V)	52.5 ~ 54
	Peak Discharge Power (kW)	5kW@1Min
	Peak Charge Power (kW)	5kW@1Min
Others	Communication	RS232, RS485, CAN
	Working Temperature	0°C~50°C -10°C~50°C
	Shelf Temperature	-20°C~60°C
	Certification	TÜV / CE / UN38.3 / TLC
	Design life	10+ Years (25°C/77°F)
	Cycle Life	>6000 (25°C, 80% DoD)