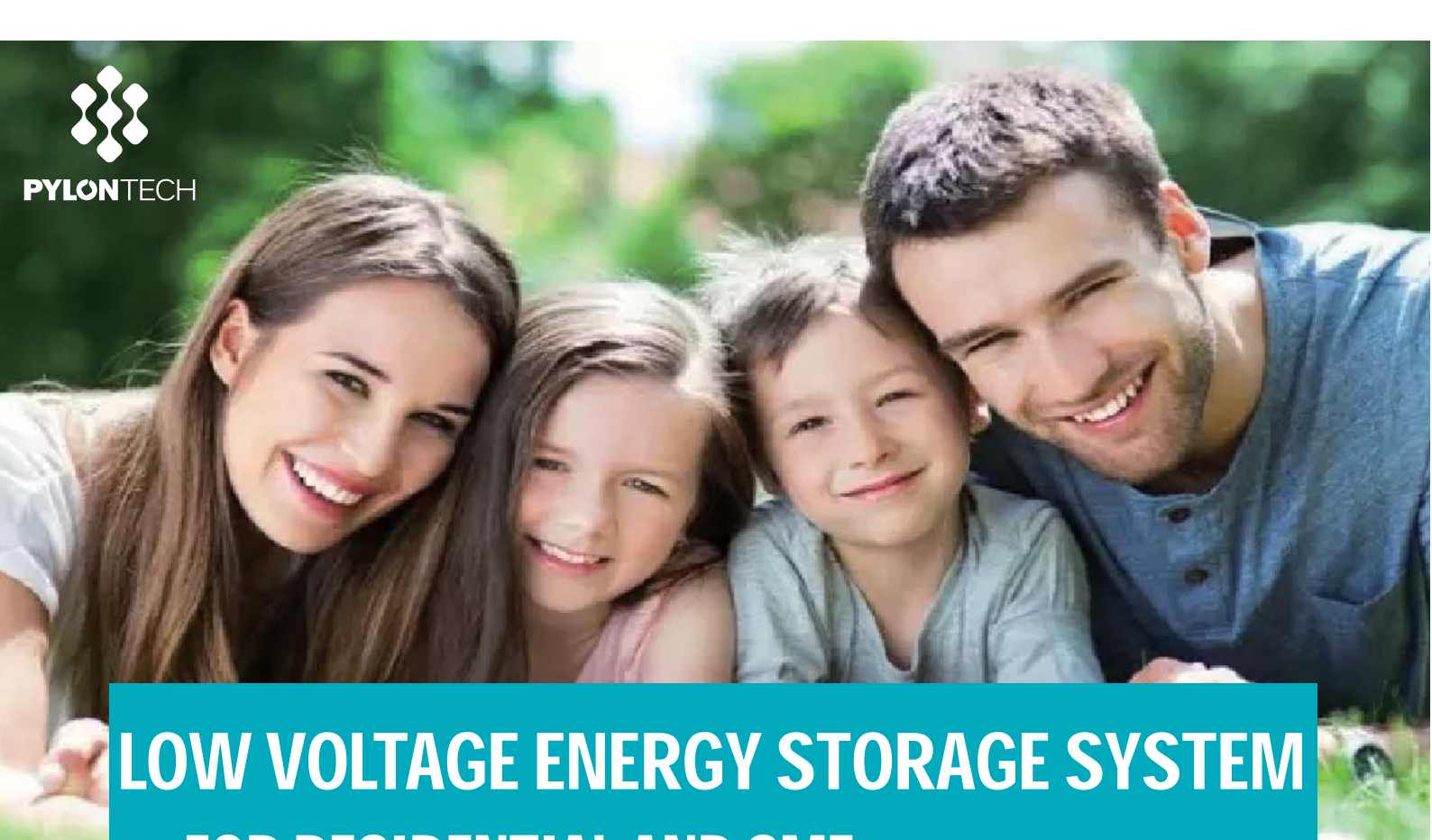




**PYLONTECH**

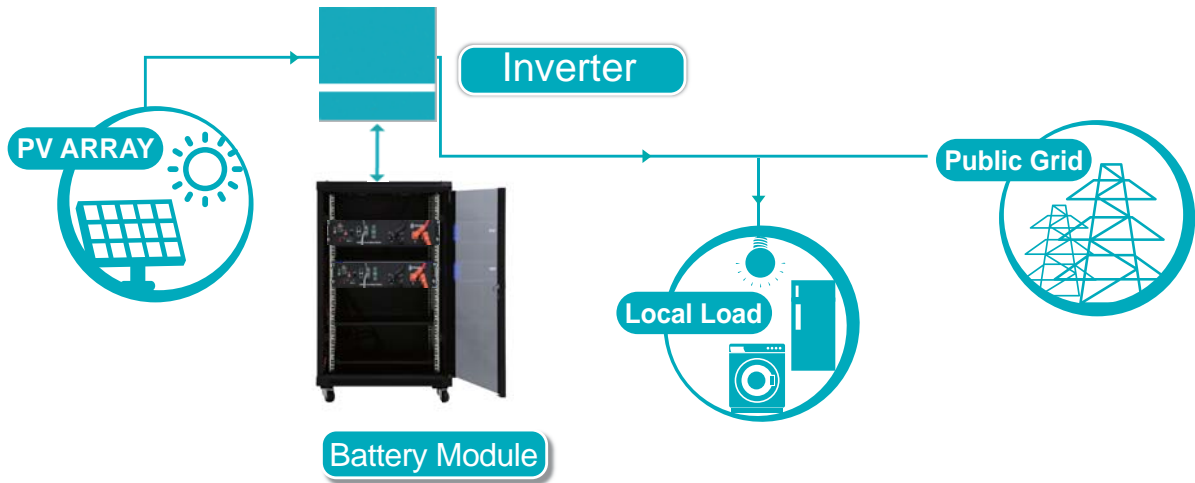


# LOW VOLTAGE ENERGY STORAGE SYSTEM —FOR RESIDENTIAL AND SME

US2000B 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
- ◆ 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 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	BASICPARAMETERS	US2000B
<b>Nominal</b>	Nominal Voltage (V)	48
	Nominal Capacity (Ah)	50
<b>Physical</b>	Dimension (mm)	440*410*89
	Weight (Kg)	24
<b>Electrical</b>	Discharge Voltage (V)	45 ~ 54
	Charge Voltage (V)	52.5 ~ 54
	Peak Discharge Current (A)	5kW@1Min
	Peak Charge Current (A)	5kW@1Min
<b>Others</b>	Communication	RS232, RS485, CAN
	Charging Temperature	0 C ~50 C
	Discharging Temperature	-10 C ~50 C
	Shelf Temperature	-40 C ~80 C
	Certification	TÜV / CE / UN38.3 / TLC
	Design life	10+ Years ( 25 C /77 F )
	Cycle Life	>6000 ( 80% DoD)