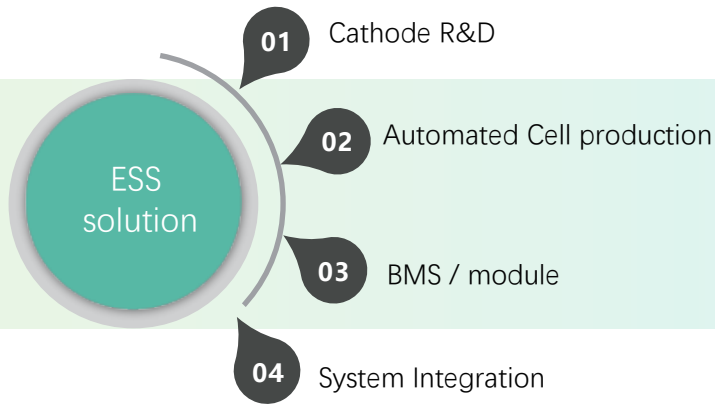




LOW VOLTAGE ENERGY STORAGE SYSTEM

- FOR SMART MICRO ENERGY

Vertical industry integration chain




Only **FOCUS** on Energy Storage
With more than **3.0 GWh** serving
200,000+ users. Globally

With most care to your Safty
Most international safety standard had been done for the cells,module and system




Advantage


 Compact Size for
Space Saving


 Reliable Performance


 Vertical industrial
Chain


 95% DOD with
more usable capacity



 10+ years technical proven

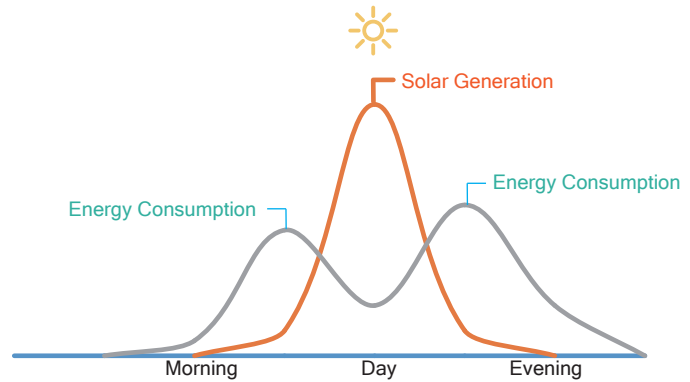
 Modular design for
expansion

 Superior low failure rate

 Life span for 10+years

Why need battery storage system?

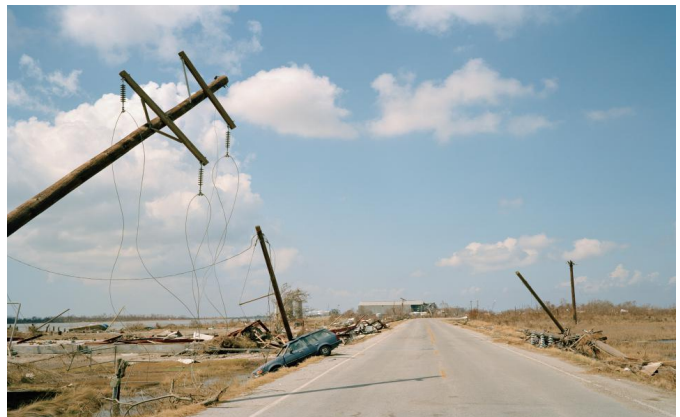
High-efficiency for your power distribution
Cut and **save your electricity bills**



Electricity power occupies more than half of increasing energy consumption in this decade, DER (distributed energy resources) is crucial today during the COVID-19 pandemic while the conventional grid is less reliable because of the less manpower available.

Realize your grid **Independence**

Keep your grid available during
terrible whether or extreme situation



Specification



Specification	Basic Parameters	UP5000	
Nominal	Nominal Voltage (V)	48	
	Nominal Capacity (Wh)	4,800	
	Usable Capacity (Wh)	4,560	
Physical	Dimension (mm)	442*420*165	
	Weight (Kg)	41	
Electrical	Discharge Voltage (Vdc)	44.5	
	Charge Voltage (Vdc)	52.5 ~ 53.5	
	Charge / Discharge Current (Amps)	50 (Continuous) 74-89 (60sec) 90-200A (Peak@15sec)	
Others	Communication Port	RS485,CAN	
	Single string quantity(pcs)	16	
	Working Temperature/°C	0~50 Charge	
		-10~50 Discharge	
	Shelf Temperature/°C	-20~60	
	Altitude (M)	< 4000	
	IP rating	IP20	
	Humidity (RH)	5~95%	
	Certification	IEC62619/CE/ UN38.3	
	Design life	10+ Years (25°C/77°F)	
Cycle Life	>4,500 (25°C)		