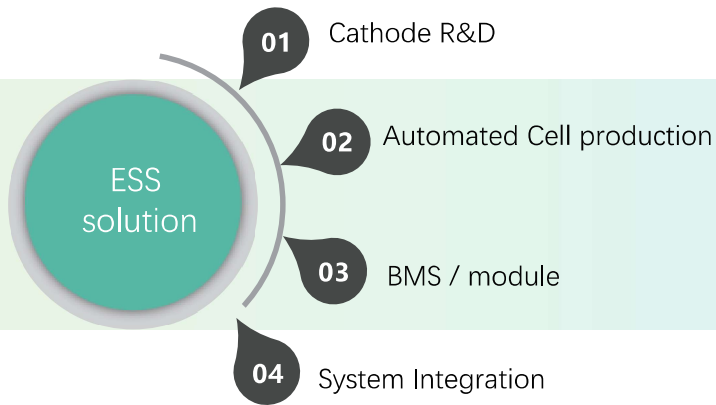


# Vertical industry integration chain







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

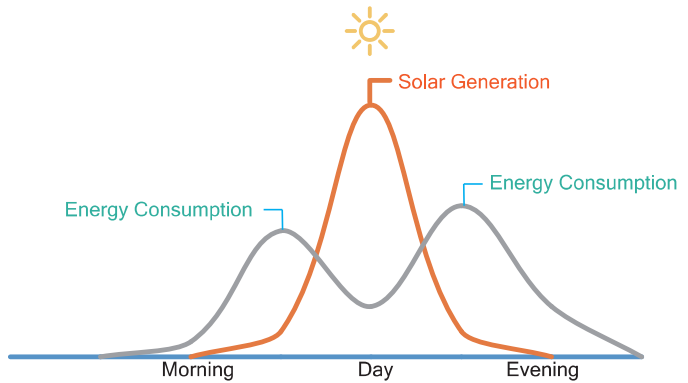
-  Compact Size for Space Saving
-  Reliable Performance
-  Vertical industrial Chain
-  95% DOD with more usable capacity



-  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
<b>Nominal</b>	Nominal Voltage (V)	48
	Nominal Capacity (Wh)	4,800
	Usable Capacity (Wh)	4,560
<b>Physical</b>	Dimension (mm)	442*420*165
	Weight (Kg)	41
<b>Electrical</b>	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)
<b>Others</b>	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)	