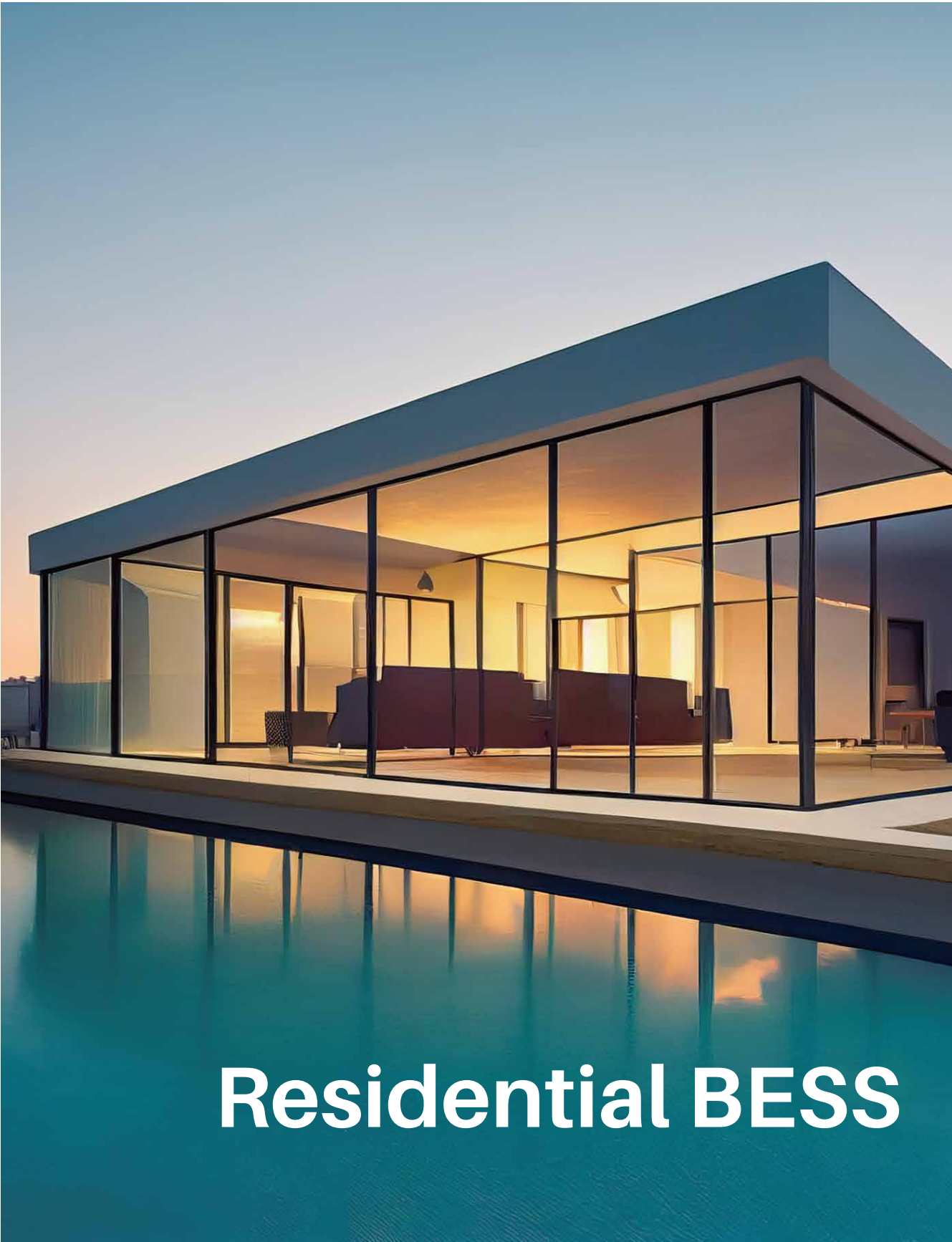




Residential BESS



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SPECIFICATION (48V)

				
Model	US2000	US3000	US5000	
Basic Parameters				
Nominal Voltage (Vdc)	48	48	48	
Nominal Capacity(kWh)	2.4	3.55	4.8	
Usable Capacity(kWh)	2.28	3.37	4.56	
Dimension(mm)	442*410*89	442*410*132	442*420*161	
Weight(kg)	22.5	32	39.7	
	(Recommend)	25	37	80*
Charge/	(Max. Continuous)	25	37	100*
Discharge	(Peak 1)	50~89@60sec	74~89@60sec	101~120@15min
Current(A)	(Peak 2)	90~200@15sec	90~200@15sec	121~200@15sec
Communication Port	RS485,CAN			
Single string quantity(pcs)	8	8	16	
Working Temperature/ °C	Charge	0~50		
Working Temperature/ °C	Discharge	-10~50		
Shelf Temperature/ °C	-20~60			
Short current/duration time	<4000A/2ms	<4000A/2ms	<2000A/1ms	
IP rating	IP20			
Cooling type	Natural			
Humidity	5% ~ 95%(RH) No Condensation			
Altitude(M)	<4000			
Design life	15+ Years (25 °C /77 °F)	15+ Years (25 °C /77 °F)	15+ Years (25 °C /77 °F)	
Cycle Life	>8,000 25 °C	>8,000 25 °C	> 8,000 25 °C	
Certification	UL1642/ IEC62619 /ICE63056 /ICE61000-6-2/3 UN38.3	UL1973 /UL1642 /UL9540A/VDE2510-50 /IEC63056/IEC62619 /IEC62040/IEC62477-1 /ICE61000-6-2/UN38.3	UL1973/UL9540A IEC62619/IEC63056 /ICE61000-6-2/3 /UN38.3	



A Dedicated BESS (Battery Energy Storage
System) Provider

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