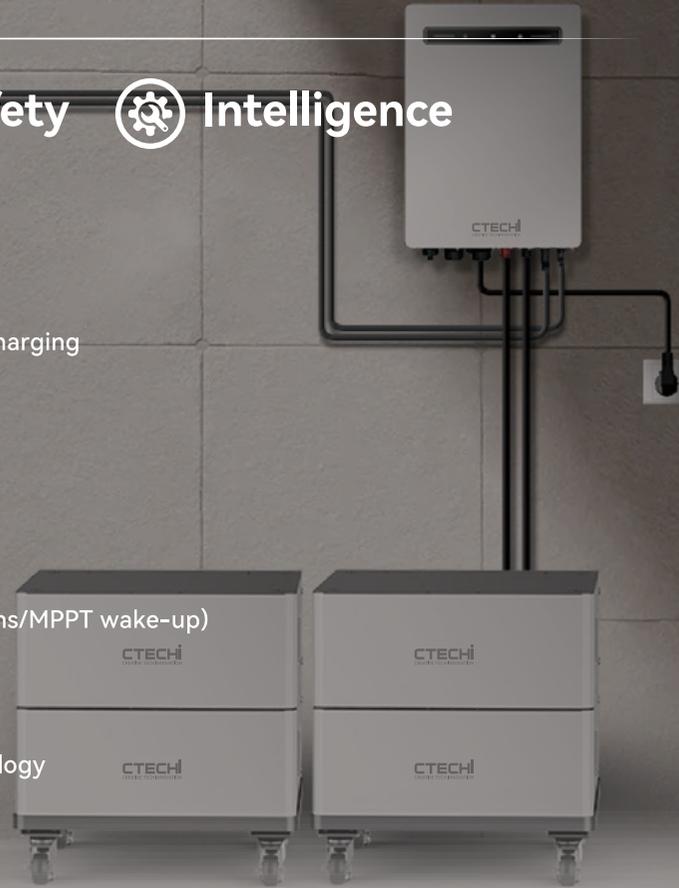


BALCONY STORAGE SYSTEM

 Efficient  Safety  Intelligence

- ▶ Super fast charging
- ▶ Efficient MPPT
- ▶ High efficiency of charging and discharging
- ▶ IP65 high protection design
- ▶ On-grid/Phase separation
- ▶ Smart operation of mobile APP
- ▶ Charging mode output protection
- ▶ Battery undervoltage wake-up (Mains/MPPT wake-up)
- ▶ Excellent load adaptability
- ▶ Adopting DSP digital control technology



TEMS	SPECIFICATIONS
Model	SLPK5120
Nominal Capacity	5120Wh
Nominal Voltage	51.2V
Working Voltage Range	43.2-57.6V
Standard Charging&discharging Current	20A(0.2C)
Max.Charging&discharging Current	100A
Battery Type	LiFePO4
Standard Discharge Temperature	-20~60°C
Dimension(WXDXH)	482x440x142.4mm
Weight	42kg
Warranty	5years

Balcony Storage Inverter		
Rated power	1600VA/1600W	
Peak power(W)	3200	
Machine architecture	Bidirectional AC/DC inverter Boosting and lowering pressure MPPT	
Input/output phase number	Single phase input/Single phase output	
Output	Number of output lines	Single phase two wire (L, N) + Protective ground wire
	Rated voltage (VAC)	220/230/240 50/60Hz ±0.1%(Settable, automatically detects mains frequency)
Mains input	Number of input lines	Single phase two wire (L, N)+Protective ground wire
	Input voltage range(Vac)	Zero fire phase voltage: 184~253
	Input frequency range(Hz)	48-51
Battery and charging	Input power factor	≥0.95
	Rated voltage of battery (V)	48
	Battery type	LiFePO4 16 strings, Ternary lithium14 strings
	Charging termination voltage (V)	56.8V/Continuing Adjust
Solar charging	Discharge termination voltage (V)	44V/Continuing Adjust
	Charging current(A)	Max.25A, digitally adjustable, default 10A
	Max. PV input power(W)	800W*2
	Max. PV open circuit voltage(VDC)	100
Solar charging	PV operating voltage range(VDC)	10~100
	PV input current(A)	PV access MPPT working mode,16A max.
Solar charging	Number of MPPT	2
	PV charging current(A)	0-16A*2
On-grid	Optional function	On-grid power can be set to 0-1600W
Interface	APP	The mobile APP manages and controls the on-grid time and power
	Communication interface	Switch on and off command interface,RS485,CAN
	LCD display screen(Options)	Display input and output voltage, frequency, load percentage, PV voltage and current, operating mode, and machine status
Environmental parameters	Operating temperature range	-20~55°C
	Operating humidity range	0-98% (No condensation)
	Cooling method	natural cooling
	Protection degree	IP65
Structural Shape	Size(MM)	360 × 256× 130
	Weight(kg)	7.5
Safety and electromagnetic compatibility standards	IEC/EN62109-1,IEC/EN62109-2/IEC/EN61000-6-1/-2/-3/-4, IEC/EN61000-3-2/-3/VDE4105	