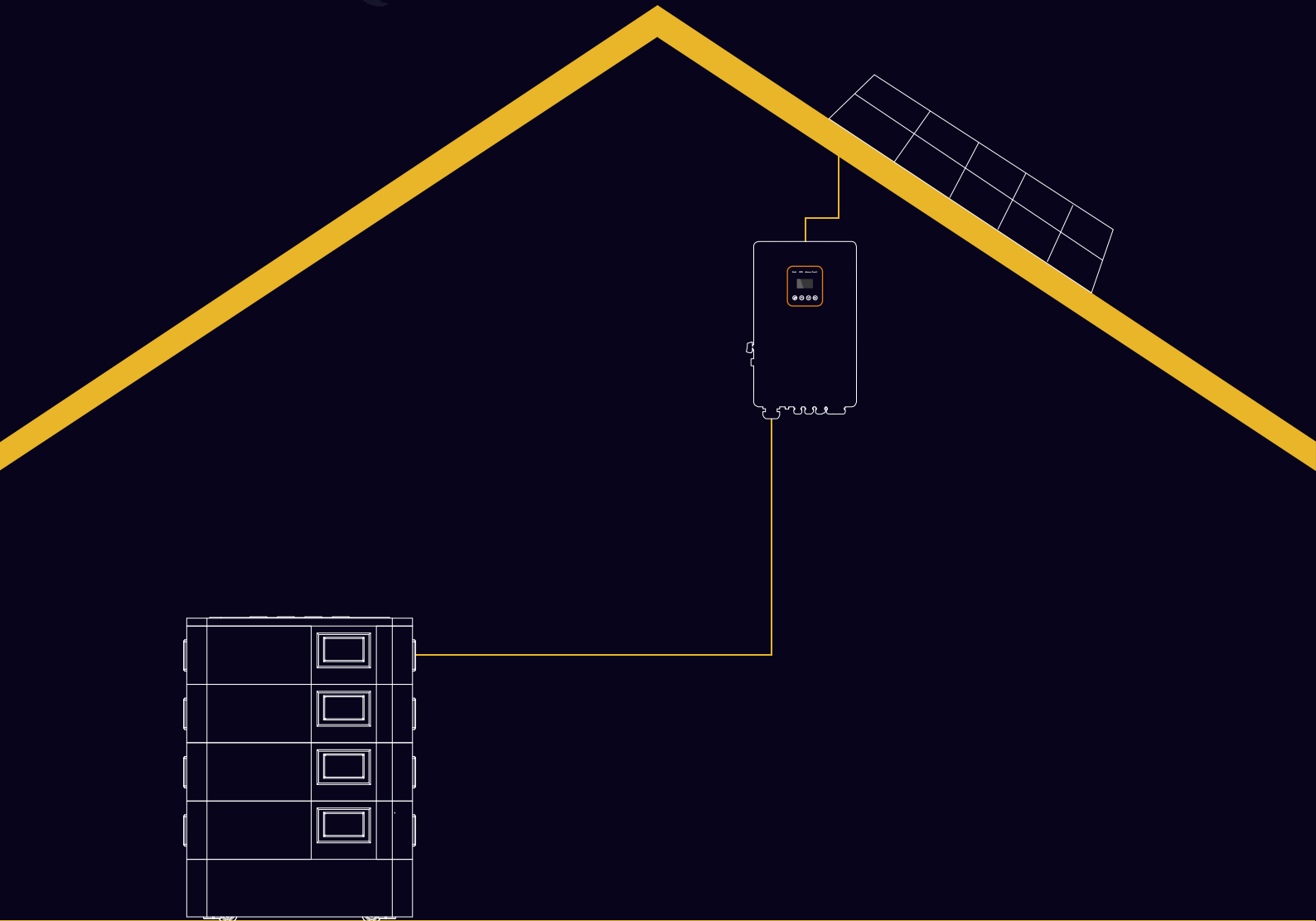


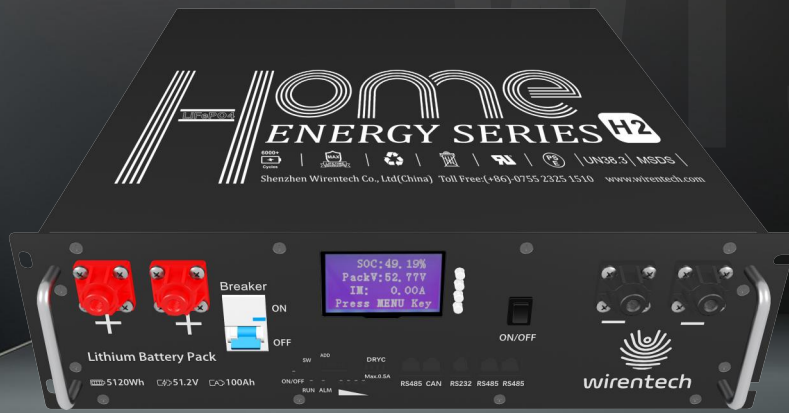


wirentech

LIGHTER. DENSER. GO FURTHER. BEAUTY LIFE IS HERE.



HOME ENERGY STORAGE SERIES



WT5100

UL1973, UL9540A,
CB accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2V
Nominal Capacity (at 0.5C, 25 degC)	100Ah
Min. Capacity (at 0.5C, 25 degC)	100Ah
Expected Cycle Life	80% capacity remained at 100% DOD after 6000 cycles

MECHANICAL CHARACTERISTICS

Dimensions	18.97"x18.89"x5.43"
Net Weight	~45Kg

OTHERS

Charge Method	CC-CV
Charge cut-off current	1A
Max. Charge Voltage	58.4V
Recommend Charge Current	≤60A
Charge Temperature	-5 ~ 60 °C
Continuous Discharge Current	≤105A
Peak Instant Discharge Current(1 Second)-settable	150A
Discharge Cut-off Voltage	44V (settable)
Discharge Temperature	-20 - 65 °C
Storage Temperature	-20 - 45 °C
Self Discharge (Stored at 50%SOC)	≤3%/month

CERTIFICATIONS

All batteries meet UN 38.3 Standards. Wirentech Lithium's cells are UL1973 certified and have been tested per IEC62133 standards. Meets all US and International regulations for air, ground, train, and marine transport.

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WT48100

UN38.3, MSDS
accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Nominal Voltage	48V
Nominal Capacity (at 0.5C, 25 degC)	100Ah
Min. Capacity (at 0.5C, 25 degC)	100Ah
Expected Cycle Life	80% capacity remained at 100% DOD after 3000 cycles

MECHANICAL CHARACTERISTICS

Dimensions	18.97"x16.5"x7"
Net Weight	~42Kg

OPERATION CONDITIONS

Charge Method	CC-CV
Max. Charge Voltage	54.75V
Recommend Charge Current	Max. 70A
Charge Temperature	0°C ~ 55°C
Continuous Discharge Current	Max. 100A
Peak Instant Discharge Current(1 Seconds)	110A
Discharge Cut-off Voltage	37.5V
Discharge Temperature	-20°C ~ 65°C
Storage Temperature	-20°C ~ 45°C
Self Discharge(Stored at 50% SOC)	<= 3%/month

CERTIFICATIONS

All batteries meet UN 38.3 Standards. Wirentech Lithium's cells are MSDS certified. Meets all US and International regulations for air, ground, train, and marine transport.

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WT30KW

Easy to use and move, plug and play,
minimize installation time and cost, and
place easily and freely in your warm home.

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Energy	51.2V 600Ah(30KWh)
Life Time	15 Years @ 68°F
Cycle life	6000+
Operation Voltage	44.8V-57.5V
Discharge Current	600A
Nominal Voltage	51.2V
Enclose Protection Rate	IP22
Discharging Temperature Range	-4°F-140°F(-20°C-60°C)

MECHANICAL CHARACTERISTICS

Dimensions	23.62"x25.59"x49.21"
Net Weight	500KG

OTHERS

Charge Method	CC-CV
Charge cut-off current	1A
Max. Charge Voltage	58.4V
Recommend Charge Current	≤60A
Charge Temperature	-5 ~ 60 C
Continuous Discharge Current	≤105A
Peak Instant Discharge Current(1 Second)-settable	150A
Discharge Cut-off Voltage	44.8V
Discharge Temperature	-20 - 65 C
Storage Temperature	-20 - 45 C
Self Discharge (Stored at 50%SOC)	≤3%/month

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WT5100S

WT5100S

UL9540A,CB UN38.3,
IEC62619,MSDS accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Operation Voltage	44 . 8V~ 57 5V
Warranty	10 Years
LiFe Time	15 Years @ 68°F
Cycle life	6000+

MECHANICAL CHARACTERISTICS

Dimensions	22.6"x19.3"x6.2"
Net Weight	~49Kg

OPERATION CONDITIONS

Energy	51.2V 100Ah (5.12KWh)
Max. Charge Voltage	57.6V
Max. Charge Current	50A (2.56KW) @77°F
Max. Discharge Current	100A (5.12KW) @77°F
Energy Scalable	Max. 19 units in parallel
Enclose Protection Rate	IP22
Communication	RS232/RS485→ PC software CAN/RS485 → Inverters
Storage	Recommended stored at above 50% SOC,test @ 90 Days, recharge if below 52V

CERTIFICATIONS

All batteries meet UN38.3 Standards. Wirentech Lithium's cells are MSDS certified. Meets all US and International regulations for air, ground, train, and marine transport.

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WIS-5K

WIS-5K

Stackable LFP battery module, hybrid storage inverter, battery management system(BMS) and fire arrestor are integrated.

HOME STORAGE BATTERY

INPUT (PV)

Max.power(Kw)	7.5	9	12
Max. DC voltage (V)	500		
MPPT voltage range(V)	120-500		
Max.Input current of single MPPT(A)	12		
MPPT tracker/strings	4/1		

MECHANICAL CHARACTERISTICS

Dimensions	591*440*370mm	591*440*555mm	591*440*740mm	591*440*925mm			
	591*440*1480mm	591*440*1295mm	591*440*1110mm				
Net Weight	92kg	138kg	184kg	230kg	276kg	322kg	368kg

AC OUTPUT

Rated output power(KVA)	5	6	8
Max.output current(A)	24	28.8	38.3
Ac output voltage(V)	120/240(split phase),230(single Phase)		
Frequency(Hz)	50/60		
PF	0.8lagging-0.8leading		
THDi	3%		
AC output topology	Split phase,sigle phase		

BATTERY

Battery voltage range(V)	40-58
Max.charging voltage(V)	58
Max.charge/discharge current(A)	120/120 135/135 190/190
Battery type	lithium/Lead-acid
Communication interface	CAN/RS485

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WP10K

CE, UN38.3, MSDS, ROHS,
IEC62619, IEC62133,
accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Energy	51.2V 200Ah (10.24KWh)
Warranty	10 Years
LiFe Time	15 Years @ 68°F
Cycle life	6000+

MECHANICAL CHARACTERISTICS

Dimensions	26" x 22.4" x 6.3"
Net Weight	88KG

OTHERS

Operation Voltage	54V~56
Max. Charge Voltage	56V
Max. Charge Current	100A (2.56KW) @77°F
Max. Discharge Current	200A (10.24KW) @77°F
Energy Scalable	Max. 32 units in parallel
Enclose protection rate	IP22
Communication	RS232/RS485 → PC software CAN/RS485 → Inverters
Storage	Recommend stored at above 50% SOC, test @ 90 Days, recharge if below 52V

CERTIFICATIONS

All batteries meet UN 38.3 Standards. Wirentech Lithium's cells are CE certified. Meets all US and International regulations for air, ground, train, and marine transport.

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level





WP5K

CE, UN38.3, MSDS
accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Energy	51.2V 100Ah (5.12KWh)
Warranty	10 Years
LiFe Time	15 Years @ 68°F
Cycle life	6000+

MECHANICAL CHARACTERISTICS

Dimensions	24.8" x 17.32" x 5.91"
Net Weight	51KG

OTHERS

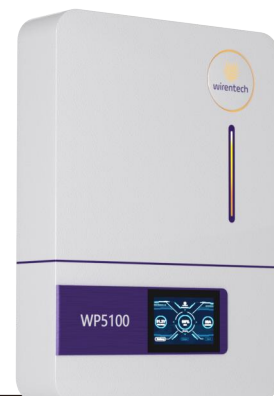
Operation Voltage	44.8V ~ 57.5V
Max. Charge Voltage	57.6V
Max. Charge Current	50A (2.56KW) @77°F
Max. Discharge Current	100A (5.12KW) @77°F
Energy Scalable	Max. 32 units in parallel
Enclose protection rate	IP22
Communication	RS232/RS485 → PC software CAN/RS485 → Inverters
Storage	Recommend stored at above 50% SOC, test @ 90 Days, recharge if below 52V

CERTIFICATIONS

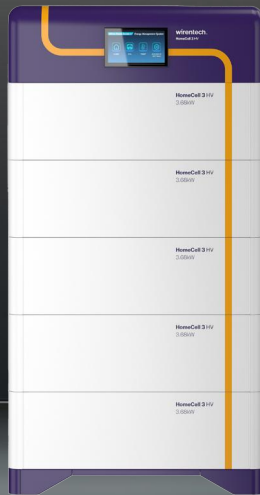
All batteries meet UN 38.3 Standards. Wiretech Lithium's cells are CE certified. Meets all US and International regulations for air, ground, train, and marine transport.

SAFETY AND SECURITY

Smart Storage Lithium Battery Power your homes at it's safest level



51.2V 100Ah



HVE-1

HVE-2 series is a high coltage battery that offers multiple energy storage options through an expandable modular design (2-10 modules combined), which further simplifies installation and O&M with multiple smart functions. The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance

HOME STORAGE BATTERY

ELECTRICAL PARAMETERS

No. of series battery	2	3	4	5	6	7	8	9	10
Rated energy (kWh)	7.37	11.05	14.75	18.43	22.12	25.80	29.49	33.18	36.86
Usable energy (kWh)	6.85	10.27	13.71	17.13	20.56	23.98	27.41	30.84	34.26
Rated voltage (V)	102.4	153.6	204.8	256	307.2	358.4	409.6	460.8	512
Rated capacity (Ah)	144	216	288	360					
Charge current (A)	25 (Recommended) / 50 (MAX)		432	504	576	648	720		
Discharge current (A)	25 (Recommended) / 50 (MAX)								
Cycle times	80% DOD, cycles>6000, residual capacity>70%								
Communication	RS485 / RS232 / CAN 2.0								
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit								
Voltage range (V)	89.6~115.2	134.4~172.8	179.2~230.4	224~288	268.8~345.6	313.6~403.2			
	448~576	403.2~518.4	358.4~460.8						

MECHANICAL CHARACTERISTICS

Dimensions	851*255*358	851*255*488	851*255*618	851*255*748	851*255*878				
	851*255*1008	851*255*1138	851*255*1268	851*255*1398					
Net Weight	72	104	136	168	200	232	264	296	328

WORKING CONDITIONS

Installation	Indoor
Working temperature	-10°C~50°C
Optimum working temperature	20°C~30°C
Storage temperature	-30°C~60°C
Protection degree	IP20
Humidity	5%-95%
Altitude	-<2000
Cooling	-Natural
Certificate	CE,UN38.3,MSDS

SAFETY AND SECURITY

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WT51200

High capacity, steady output voltage, little self-discharge, attractive cycle life. Wide operating temperature range, unrivalled high temperature performance, extended safety performance.

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2V
Nominal Capacity (at 0.5C, 25 degC)	200Ah
Min. Capacity (at 0.5C, 25 degC)	200Ah
Expected Cycle Life	80% capacity remained at 100% DOD after 6000 cycles

MECHANICAL CHARACTERISTICS

Dimensions	17.3"x16"x13.2"
Net Weight	~48Kg

OPERATION CONDITIONS

Charge Method	CC-CV
Charge cut-off current	1A
Max. Charge Voltage	58.4V
Recommend Charge Current	≤60A
Charge Temperature	-5 ~ 60°C
Continuous Discharge Current	≤105A
Peak Instant Discharge Current(1 Second)-settable	150A
Discharge Cut-off Voltage	44V (settable)
Discharge Temperature	-20 - 65°C
Storage Temperature	-20 - 45°C
Self Discharge (Stored at 50%SOC)	≤60A

CERTIFICATIONS

All batteries meet UN 38.3 Standards. Wirentech Lithium's cells are ISO9001 certified.

SAFETY AND SECURITY

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WT51304

CE, UN38.3, MSDS,
ISO accreditation

HOME STORAGE BATTERY

ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2V
Nominal Capacity	304Ah
Min. Capacity	304Ah
Expected Cycle Life	80% capacity remained at 100% DOD after 6000 cycles

MECHANICAL CHARACTERISTICS

Dimensions	19.7"x9.1"x36"
Net Weight	~140Kg

OPERATION CONDITIONS

Charge Method	CC-CV
Charge cut-off current	1A
Rated Voltage	51.2V
Standard Charging Current	0.2C
Max. Imum Charging Current	<200A
Standard Discharge Current	0.2C
Max. Discharging Current	<200A
Limited Charging Voltage	58.4V
Discharging Cut-off Voltage	43.2V
Outgoing Voltage	48V~56
Charging Temperature	0°C ~ + 45°C
Discharging Temperature	- 20°C ~ + 60°C

CERTIFICATIONS

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