

LiFePO4
BATTERY

COMMUNICATION SUPPORT INVERTER

Low Voltage



High Voltage



HOUSEHOLD
ENERGY STORAGE
SYSTEM



BETTENERGY

ENERGY STORAGE LITHIUM BATTERY INTEGRATION SUPPLIER



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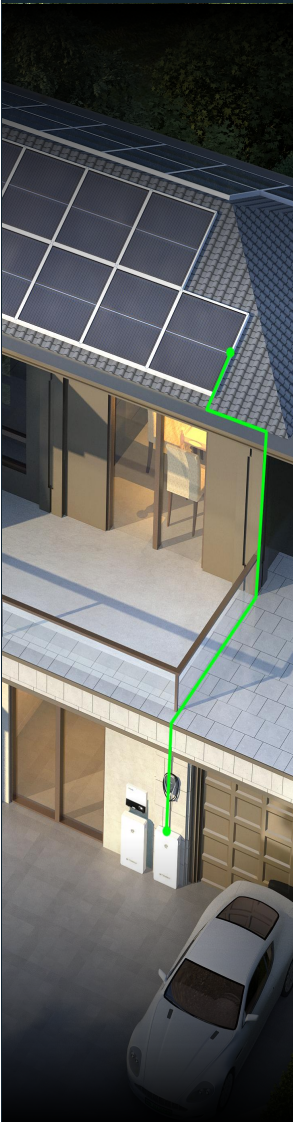


www.bettenergy.com

Production Center: Building 2, Intelligent Manufacturing Industrial Park, Gongye South Road, Ninghua, Sanming, Fujian, China

ABOUT US

FUJIAN BETTENERGY TECHNOLOGY CO., LTD. (hereinafter referred to as BETTENERGY) is located in Xiamen, Fujian Province, which is known as the sea garden. Relying on the advantages of the local lithium battery industry chain and international ports, BETTENERGY has been rooted in the Lithium battery integration application field for many years. We focus on the research and development, production and sales of the whole industry chain of lithium energy storage batteries such as residential lithium energy storage batteries, industrial and commercial lithium energy storage batteries, lithium battery PACK automatic production line, battery control system BMS, lithium battery thermal management system, energy management system EMS, etc. We are the world's leading new energy enterprise.



Residence



Data center



POWER PLANT



Industry commerce



EV Charging Station

Product

Application



15000W

ALL-IN-ONE

Household energy storage



Powering the future with better energy.



DOMINANCE



Intelligent Cooling & Heating



CTP technology



Ultra-thin body

SPECIFICATIONS

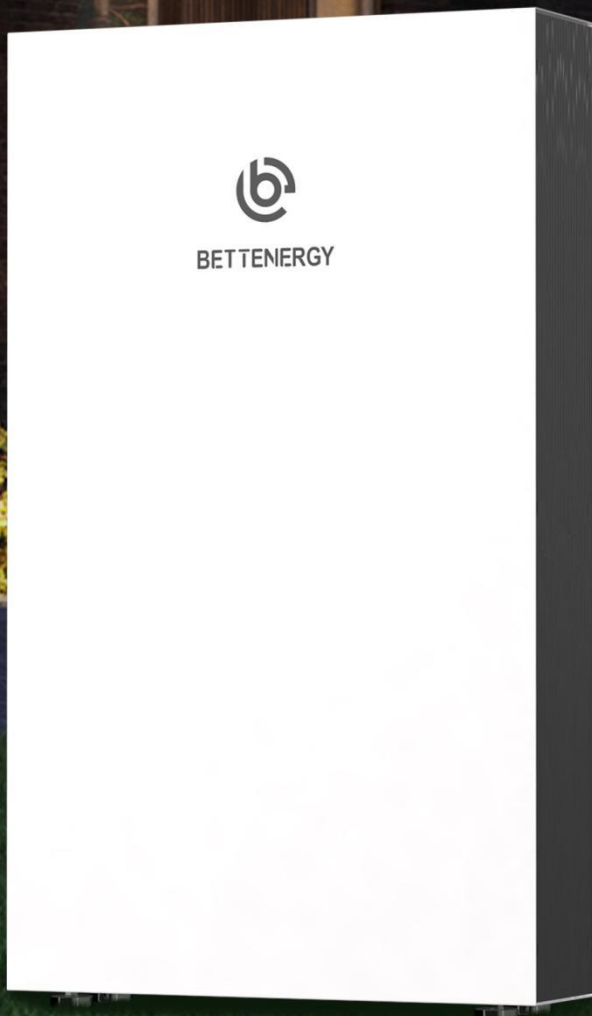
System parameter	Model	Allinone-15K-T
	Rated output power	15kW
	Protection level	IP65
	Warranty	10 years
	Grid connection type	3W+N+PE
PV input	Battery usable capacity range	13.4kWh
	Maximum PV input power	24000W
	No. of MPPT paths	4
	No. of MPPT inputs per circuit	1
	MPPT voltage range	180-850VDC
	Min. input voltage/starting voltage	125/235VDC
	Max. PV input current per circuit	20A
Battery parameters	Max. input voltage	1000VDC
	Battery Type	LFP
	Battery capacity	13.4kWh
	Rated voltage	268.8V
	Battery voltage range	245~305V
Basic parameters	Max. charge/discharge current	50A/75A (1C&1.5C)
	Temperature Control	liquid-cooled
	Dimensions (H*W*D mm)	1402*670*188
	Product Net Weight	175kg
	Operating temperature range	-20~55℃
Storage Temperature		≤25℃ ,12 months; ≤35℃,6 months; ≤45℃,3 months
Certification: TUV,RoHS,MSDS,UN38.3,IEC62619,CE		



13440Wh/268.8V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



High security



Fast charging / discharging



Outdoor mountable

SPECIFICATIONS

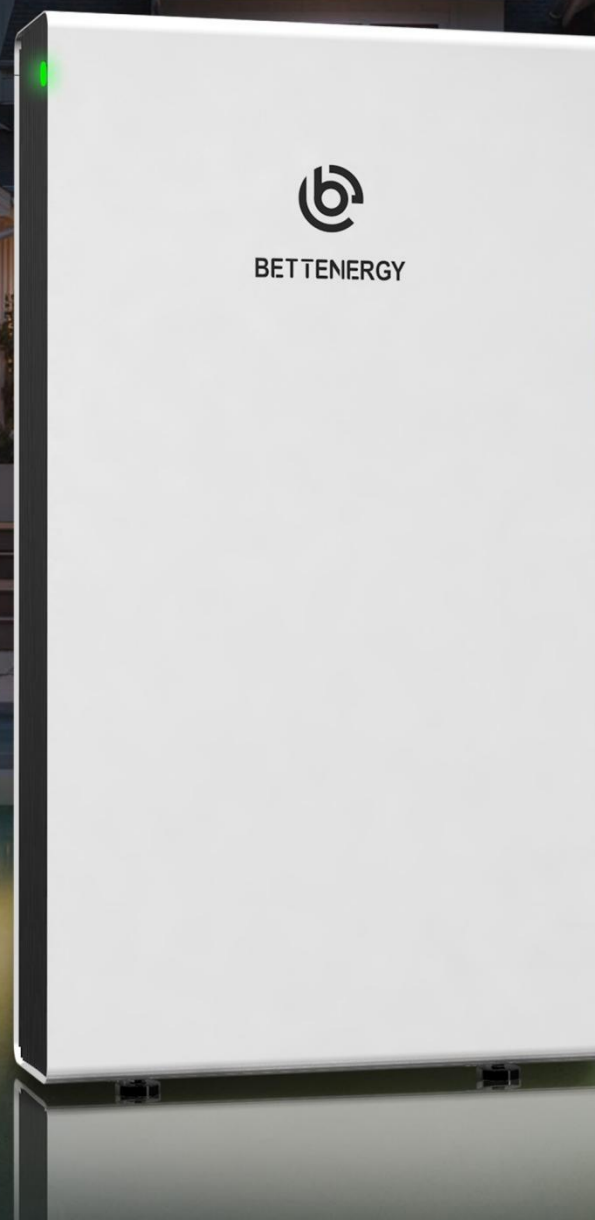
Model	Powercube13.4K-H-T
Battery Capacity(wh)	13440
Number of cells	CTP-1P84S
Cell Type	LFP
Nominal Voltage (V)	268.8
Operating Voltage Range (V)	252-302.4
Max.Charge Current (A)	50 (1C)
Max.Discharging Current (A)	75 (1.5C)
Max.Power (W)	20160
Dimension (H*W*D mm)	1130*670*188
Weight(KG)	151
Operating Temperature Range(°C)	-20-55
Temperature Control	liquid-cooled
Coolant	ethylene glycol C2H4(OH)2
Max.Number of Parallel	4
Communication	CAN,RS485,WIFI
DOD	100%
Ingress Protection Rating	IP65
Installation	Floor Mount
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25℃ ,12 months; ≤35℃,6 months; ≤45℃,3 months
Certification: TUV,RoHS,MSDS,UN38.3,IEC62619,CE	



14336Wh/51.2V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



High security



Fast charging / discharging



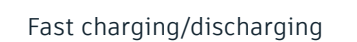
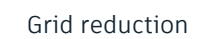
Outdoor mountable

SPECIFICATIONS

Model	Powercube14.3K-L-T
Battery Capacity(wh)	14336
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge /Discharge Current (A)	200
Continuous Charging/Discharging Current (A)	200
Max.Power (W)	10240
Dimension (H*W*D mm)	1169.5*640*197
Weight(KG)	150
Operating Temperature Range(°C)	-20-55
Temperature Control	liquid-cooled
Coolant	ethylene glycol C2H4(OH)2
Charge and Discharge Efficiency	96.1%
Communication	CAN,RS485,WIFI
DOD	100%
Ingress Protection Rating	IP65
Installation	Floor Mount
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25℃ ,12 months; ≤35℃,6 months; ≤45℃,3 months
Certification: TUV,RoHS,MSDS,UN38.3,IEC62619,CE	



Household energy storage



Model	ELEBOX-5K-HV							
Module	5120Wh, 51.2V, 52kg,630/390/169mm							
Number of Modules	3	4	5	6	7	8	9	10
Battery Capacity(wh)	15360	20480	25600	30720	35840	40960	46080	51200
Nominal Voltage (V)	153.6	204.8	256	307.2	358.4	409.6	460.8	512
Operating Voltage Range (V)	141.6-170.4	188.8-227.2	236-284	330.4-397.6	283.2-340.8	377.6-454.4	424.8-511.2	472-568
Dimension (H*W*D mm)	754/630/390	923/630/390	1092/630/390	1430/630/390	1261/630/390	1599/630/390	1769/630/390	1937/630/390
Weight (KG)	177	229	281	333	351	397.5	489	541
Cell Type	LFP							
Max.Charge / Discharge Current (A)	50							
Continuous Charging/Discharging Current (A)	50							
Operating Temperature Range (℃)	0-50							
Communication Port	CAN							
Cycle Life (80%DOD,25℃)	≥6000							
Ingress Protection Rating	IP54							
Installation	Stacked Floor Mount							
Relative Humidity	≤95%rh							
Humidity of storage environment	≤95%rh							
Max. Operating Altitude(m)	≤3000							
Storage Temperature	≤25℃,12 months; ≤35℃,6 months; ≤45℃,3 months							
Certification: CE,IEC62619(Cell&Pack),MSDS,ROHS,UN38.3								

Certification: CE,IEC62619(Cell&Pack),MSDS,ROHS,UN38.3



5120Wh/51.2V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



≥6000 Cycles



5/10 years warranty



Parallel 16 units

SPECIFICATIONS

Model	ELESHELL5K
Battery Capacity(wh)	5120
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge /Discharge Current (A)	100
Continuous Charging/Discharging Current (A)	60
Max.Power (W)	2560
Dimension (H*W*D mm)	610*370*163
Weight(KG)	44
Operating Temperature Range(°C)	0-50
Max.Number of Parallel	16
Communication	RS232 / RS485 / CAN
Cycle Life (80%DOD,25°C)	>6000
Ingress Protection Rating	IP54
Installation	Wall or floor mounting
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25°C ,12 months; ≤35°C,6 months; ≤45°C,3 months
Certification: UN38.3,CE-EMC,IEC62619	



10240Wh/51.2V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



≥6000 Cycles



5/10 years warranty



Parallel 16 units

SPECIFICATIONS

Model	ELESHELL10.2K
Battery Capacity(wh)	10240
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge /Discharge Current (A)	120
Continuous Charging/Discharging Current (A)	120
Max.Power (W)	6144
Dimension (H*W*D mm)	871.1*519*133
Weight(KG)	92
Operating Temperature Range(℃)	0-50
Max.Number of Parallel	16
Communication	RS232 / RS485 / CAN
Cycle Life (80%DOD,25℃)	>6000
Ingress Protection Rating	IP54
Installation	Wall or floor mounting
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25℃ ,12 months; ≤35℃,6 months; ≤45℃,3 months
Certification: UN38.3,CE-EMC,IEC62619,MSDS,ROHS	



14336Wh/51.2V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



≥8000 Cycles



5/10 years warranty



Parallel 16 units

SPECIFICATIONS

Model	ELESHELL14.3K
Battery Capacity(wh)	14336
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge /Discharge Current (A)	200
Continuous Charging/Discharging Current (A)	200
Max.Power (W)	10240
Dimension (H*W*D mm)	750*412*235
Weight(KG)	119
Operating Temperature Range(°C)	0-50
Max.Number of Parallel	16
Communication	RS232 / RS485 / CAN
Cycle Life (80%DOD,25°C)	>8000
Ingress Protection Rating	IP54
Installation	Wall or floor mounting
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25°C ,12 months; ≤35°C,6 months; ≤45°C,3 months
Certification: UN38.3,CE-EMC,IEC62619,MSDS,ROHS	



16076Wh/51.2V

LiFePO4 BATTERY

Household energy storage



Powering the future with better energy.



DOMINANCE



≥8000 Cycles



5/10 years warranty



Parallel 16 units

SPECIFICATIONS

Model	ELESHELL16K
Battery Capacity(wh)	16076
Number of cells	1P8S*2
Cell Type	LFP
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	46.4~57.6
Max.Charge /Discharge Current (A)	200
Continuous Charging/Discharging Current (A)	200
Max.Power (W)	10240
Dimension (H*W*D mm)	750*412*235
Weight(KG)	121
Operating Temperature Range(°C)	0-50
Max.Number of Parallel	16
Communication	RS232 / RS485 / CAN
Cycle Life (80%DOD,25°C)	>8000
Ingress Protection Rating	IP54
Installation	Wall or floor mounting
Relative Humidity	≤95%rh
Humidity of storage environment	≤95%rh
Max. Operating Altitude (m)	≤3000
Storage Temperature	≤25°C ,12 months; ≤35°C,6 months; ≤45°C,3 months
Certification: UN38.3,CE-EMC,IEC62619,MSDS,ROHS	

EXAMPLE



470000 ton
Reduce carbon dioxide emissions

26000000 tree
Reduce the amount of tree felling

483900000 kWh
Total power supply