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Find more





V2.0

Enjoy peace of mind with YiLiNK lithium batteries

Are You Looking for A Trusted Advisor or Just A Battery Vendor?





We at YiLiNK work with clients jointly in finding best-value investment solutions in the field of solar energy storage by providing an efficient, practical, friendly and no-nonsense service.

YiLiNK manufactures high quality lithium batteries of time-tested reliability thanks to our wealth of technological and industry application experience. All clients of YiLiNK deserve total information transparency and best-of-class pre- and post-sale services, which we believe are the bedrock of honest and sustainable transactions and repeat business.

We Are Engineer, Information Sharer, Service Provider, Your Partner And Team Member.
As You Can See,
Our Role Is Well Beyond Selling Machines Alone.









All YiLiNK lithium batteries are produced in-house by a professional and dedicated team of engineers and operatives with many years of service and experience (6-10 years). We are proud that each of our members is rigorous, professional, vibrant, hard-working and willing to provide ever customer with help within their ability. Our dedicated team has pioneered lithium battery industry, never stopping at anything less than success.

Our Story

YiLiNK opened its door in the year of 2004 as a lithium battery solution provider in China, after a few years of deep involvement in the lithium battery industr, we built our battery pack manufacturing facility in 2013 and began to manufacture lithium batteries in house. In 2016, we established our second R&D and manufacturing facility.

We are a vibrant, continuously innovating and growing enterprise, providing hundreds of enterprises with thousands of lithium battery solutions. We have been awarded the honour of being allowed to join the rank of "National High-Tech Enterprise". Our profound appreciation of the complete supply-value chain covering PCB, BMS, lithium battery pack and energy storage integrating lithium battery forms the bedrock of our ability to provide our clients with meaningful and cost-efective services.





We Value You

Customer-focused and value-oriented are not empty marketing slogans. We know that business successes are not about us, it is about you, your needs, your profitability and your market. Our mutual successes are not only due to the high-quality battery, but also our interactive attitudes and the way we treat each other.



We Value Commitment and Integrity

These are the core qualities on which we depend to survive and develop in the long term. They guide each of us in our daily work to ensure that our products truly beneft our clients.



We Value Continuously Studying

We know that meaningful growth can only comes from experience. The constant improvement in the way we think and act brings about new knowledge and skills, allowing us to optimize processes and operating system.



We Value Cooperation

As a global company, we thrive on collaboration with our employees, suppliers, customers, communities and ecology. We believe that global specialization of labor and structural cooperation with each other will help forge a greener future.



We Value Sharing

We believe that the process of sharing is the process of learning and developing, the latter enables the creation of a structural value chain from which our employees, suppliers, customers and communities can be benefted and gain continuous growth and value.

What We Can Assist with

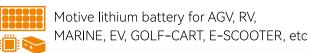
YILINK is available to show you our product range and guide you in the choice of the products that best fts your needs:



Lithium solar storage battery for commercial, residential and industrial use



Custom lithium battery for Digital Product, Consumer Product, Smar Product, etc





ODM / OEM Serices

Certification We Comply and are Awarded

- ISO9001 / ISO14001
- IEC / CE / CB / UL / UN38.3 / PSE / KC / FCC / ROHS / CQC / SGS





































Let Lithium Batteries Drive and **Illuminate Every Corner of the World**

Wherever You Are Located.

We Are Able And Willing To Provide You With Lithium Battery Solutions



How You Can Beneft From YiLiNK Solar Battery

Powerwall Battery









14 iPower Pro



16 iPower Plus



Rack Battery

18 iPower R series 24V & 51.2VDC



20 iPower S series 24V & 51.2VDC







High Voltage Battery

PowerUp Series 192V-240VDC



Super-high Voltage Battery

26 384V~1500VDC





Track Records Of Reliability

530 Mwh

530 MWh – Over 530 MWh battery system global deployment



0% complaint rate for battery cells



< 0.5% complaint rate for BMS



Battery tested and approved by SGS, TUV, UL third party labor



Comply with IEC62619, EN/IEC61000-3, EN/IEC-61000-6, UL1973, RoHS, CE, MSDS, UN38.3

24 HOUR

5 to 10 years warranty with 24 hours response after-sales serices

User Friendly

- Parallel capability up to 15PCS units, meeting different site energy requirements
- Great inverter communication compatibility:
 Deye, Growatt, Sol-Ark, SunSynk, Victron, Voltronic, Goodwe, Luxpower, Sofar, SMA, Schneider, Solis, TBB, etc
- PC Monitoring and Wifi remote monitoring & commissioning for optional
- Wall mounted, floor standing and rack mounted installations supportive
- International CLASS 9 dangerous goods packing certifications
- High energy density with light-weight
- Full matched accessories supportive



Premium High Configurations

6,000 cycles

More than 6,000 cycles



10~15 years life span



Guaranteed Brand-New
Premium Quality Grade A Battery Cells



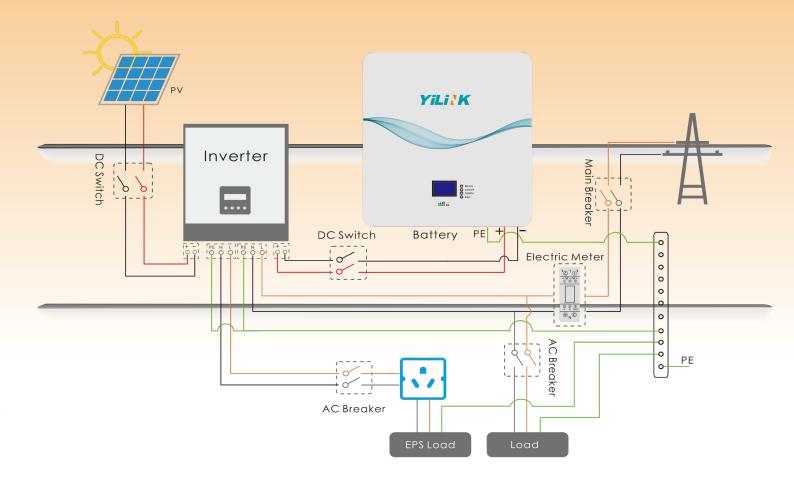
High Precision Panasonic IC, Intelligent BMS



100% DoD supporive, 98% efciency



Meeting residential, commercial & industrial standards









^{*: @0.2}C, 80% DoD, 25°C

Pov	Nerwall Wer Mini	Battery	
	YILINK		
	MENU ENTER DOWN ESC 1811 ***	C BEED C DOWN	





^{*: @0.2}C, 80% DoD, 25℃



Powerwall Battery

iPower Pro



Specification

Model	YL-P51100	YL-P51150	YL-P51200		
	Electri	cal			
Battery Type		LiFePO4			
Nominal Voltage	51.2V				
Nominal Capacity	100Ah 150Ah 200Ah				
Nominal Energy	5.12kWh 7.68kWh 10.24kV				
Max. Output Power	5.12kW	5.12kW			
Recommend Charge Current	20A	30A	40A		
Max. Continuous Charge Current	100A	100A	100A		
Max. Continuous Discharge Current	100A	100A	100A		
	Mechar	ical			
Net Weight	55kg	75kg	92kg		
Dimension (W*D*H)	520*760*170mm	520*760*210mm	520*800*230mm		
Installation Way	Indoor/Outdoor Wall Mount				
IP Rating	IP65				
Operational & Confgurations					
Battery Level	Brand New Premium Grade A Battery Cells				
BMS Level	High Precision Panasonic IC, Intelligent BMS				
Alarm and Protection	Multiple Prot	ections From Battery Cells to E	Battery Pack		
Working Voltage	40.00~58.40V				
Operating Temperature Charging	0~55°C				
Operating Temperature Discharging		-20~60°C			
Monthly Self Discharge		≤2% @25°C			
Efciency Of Charge & Discharge	≥99.5% @0.2C				
Cycle Life	More Than 6,000 Times*				
Communication	CAN/RS485/RS232/Dry Contact				
Compatible Inverers	Deye, Growatt, Sol-Ark, SunSynk, Victron, Voltronic, Goodwe, Luxpower, Sofar, SMA, Schneider, Solis, TBB, etc				
Parallel Capability	Support Up to 15PCS in Parallel				
Monitoring & Commissioning	PC Terminal or Wifi Module Remote Monitoring (for Optional)				
Warranty	5 to 10 Years				
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^{*: @0.2}C, 80% DoD, 25°C

Powerwall Battery

iPower Plus



Specification

Model	YL-WS51300-100	YL-WS51300-150	YL-WS51300-200			
Electrical Control of the Control of						
Battery Type	LiFePO4					
Nominal Voltage	51.2V					
Nominal Capacity	300Ah					
Nominal Energy	15.36kWh					
Max. Output Power	5.12kW 7.68kW 10.24kW					
Recommend Charge Current	60A					
Max. Continuous Charge Current	100A	150A	200A			
Max. Continuous Discharge Current	100A	150A	200A			
Mechanical Mechanical						
Net Weight	136kg					
Dimension (W*D*H)	580*900*230mm					
Installation Way	Indoor Wall Mount Or Floor Installation					
IP Rating	IP31					
	Operational & C	onfgurations				
Battery Level	Brand New Premium Grade A Battery Cells					
BMS Level	High Precision Panasonic IC, Intelligent BMS					
Alarm and Protection	Multiple Protections From Battery Cells to Battery Pack					
Working Voltage	40.00~58.40V					
Operating Temperature Charging		0~55°C				
Operating Temperature Discharging		-20~60°C				
Monthly Self Discharge	≤2% @25°C					
Efciency Of Charge & Discharge	≥99.5% @0.2C					
Cycle Life	More Than 6,000 Times*					
Communication	CAN/RS485/RS232/Dry Contact					
Compatible Inverers	Deye, Growatt, Sol-Ark, SunSynk, Victron, Voltronic, Goodwe, Luxpower, Sofar, SMA, Schneider, Solis, TBB, INVT, etc					
Parallel Capability	5	Support Up to 15PCS in Paralle	el .			
Monitoring & Commissioning	PC Terminal or	Wifi Module Remote Monitorir	ng (for Optional)			
Warranty	5 to 10 Years					
Cerifcations & Safety Standards	CE, IEC62619, IEC/EN61000-3, IEC/EN61000-6, ROHS, UL1973, UN38.3, MSDS					

^{*: @0.2}C, 80% DoD, 25°C





^{*: @0.2}C, 80% DoD, 25℃

Rack Batter	
	24V & 51.2VDC
+ + YILIX MENU ENTER DOWN EST ADD O SERBICAL FEED OO SERBICAL FEED	TAISTINGS TO STATE OF THE PARTY
+ + YILINK - WENU BENTER DOWN ESC	
RUN ALM CAPACITY ON/OFF	232 R5495 R5485





^{*: @0.2}C, 80% DoD, 25℃

Rack Battery Rack Battery
iPower S series 24V & 51.2VDC
MENU ENTER DOWN ESC ON/OFF RIM AIM LOC RST ADDR DO R5485 CAN R5232 R5485 R5485 Premium Lithium - 51.2V100Ah LiFePO4 Battery Pack
+ + MENU ENTER DOWN CESC

Premium Lithium - 51.2V100Ah LiFePO4 Battery Pack

Limitless at

YiLi\K



Model	YL-PS51100	YL-PS51150	YL-PS51200		
	Electrical				
Battery Type	LiFePO4				
Nominal Voltage	51.2V				
Nominal Capacity	100Ah	200Ah			
Nominal Energy	5.12kWh	10.24kWh			
Max. Output Power	5.12kW	5.12kW			
Recommend Charge Current	20A	30A	40A		
Max. Continuous Charge Current	100A	100A	100A		
Max. Continuous Discharge Current	100A	100A	100A		
	Mechai	nical			
Net Weight	52kg	73kg	91kg		
Dimension (W*D*H)	442*760*170mm	442*760*230mm	442*800*230mm		
Installation Way	Indoor/outdoor 19 Inch Rack Mounted or Stackable				
IP Rating	IP65				
	Operational & C	onfgurations			
Battery Level	Brand New Premium Grade A Battery Cells				
BMS Level	High Precision Panasonic IC, Intelligent BMS				
Alarm and Protection	Multiple Pro	tections From Battery Cells to	Battery Pack		
Working Voltage		40.00~58.40V			
Operating Temperature Charging		0~55°C			
Operating Temperature Discharging		-20~60°C			
Monthly Self Discharge		≤2% @25°C			
Efciency Of Charge & Discharge		≥99.5% @0.2C			
Cycle Life		More Than 6,000 Times*			
Communication	CAN/RS485/RS232/Dry Contact				
Compatible Inverers	Deye, Growatt, Sol-Ark, SunSynk, Victron, Voltronic, Goodwe, Luxpower, Sofar, SMA, Schneider, Solis, TBB, etc				
Parallel Capability		Support Up to 15PCS in Paralle	I		
Monitoring & Commissioning	PC Terminal or Wifi Module Remote Monitoring (for Optional)				
Warranty	5 to 10 Years				
Cerifcations & Safety Standards	CE, IEC62619, IEC/EN61000-3, IEC/EN61000-6, ROHS, UL1973, UN38.3, MSDS				

^{*: @0.2}C, 80% DoD, 25°C

Rack E	attery	
	YILI IX	HOWER CHILL COMMUNICATION
YiLiNK New Energy / info@yilink-energy		

High Voltage Battery

PowerUp Series



Specification

Model	YL-HV192100-50	YL-HV240050-50		
	Electrical			
Battery Type	LiFel	PO4		
Nominal Voltage	192V	240V		
Nominal Capacity	100Ah	50Ah		
Nominal Energy	19.2kWh 12kWh			
Max. Output Power	9.6kW 12kW			
Recommend Charge Current	20A 10A			
Max. Continuous Charge Current	50A			
Max. Continuous Discharge Current	50	DA .		
	Mechanical			
Net Weight	200kg	130kg		
Dimension (W*D*H)	800*1155*210mm	725*895*210mm		
Installation Way	Indoor Wall Mount or Floor Installation			
IP Rating	IP31			
	Operational & Confgurations			
Battery Level	Brand New Premium Grade A Battery Cells			
BMS Level	High Precision	Intelligent BMS		
Alarm and Protection	Multiple Protections From Battery Cells to Battery Pack			
	Malaple Frotections From I	Battery Cells to Battery Pack		
Working Voltage	150.00~219.00V	Battery Cells to Battery Pack 187.50~273.75V		
Working Voltage Operating Temperature Charging	150.00~219.00V			
	150.00~219.00V	187.50~273.75V		
Operating Temperature Charging	150.00~219.00V 0~-	187.50~273.75V 55°C		
Operating Temperature Charging Operating Temperature Discharging	150.00~219.00V 0~- -20~ ≤2% (187.50~273.75V 55°C -60°C		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge	150.00~219.00V 0~- -20^- ≤2% 0 ≥99.5%	187.50~273.75V 55°C -60°C @25°C		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge Efciency Of Charge & Discharge	150.00~219.00V 0~20^- ≤2% 0 ≥99.5% More Than 6	187.50~273.75V 55°C -60°C 		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge Efciency Of Charge & Discharge Cycle Life	150.00~219.00V 0~20~ ≤2% 0 ≥99.5% More Than 6 CAN/RS485	187.50~273.75V 55°C 60°C 25°C 6,000.2C 6,000 Times*		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge Efciency Of Charge & Discharge Cycle Life Communication	150.00~219.00V 0~20- ≤2% (≥99.5% More Than (CAN/RS485) Growatt,Deye,Sol-Ark,So	187.50~273.75V 55°C 660°C 225°C 3 @0.2C 5,000 Times*		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge Efciency Of Charge & Discharge Cycle Life Communication Compatible Inverers	150.00~219.00V 0~20- ≤2% (≥99.5% More Than (CAN/RS485) Growatt,Deye,Sol-Ark,So	187.50~273.75V 55°C 60°C 2025°C 6,000 Times* /Dry Contact unSynk,Goodwe,Sofar,etc		
Operating Temperature Charging Operating Temperature Discharging Monthly Self Discharge Efciency Of Charge & Discharge Cycle Life Communication Compatible Inverers Parallel Capability	150.00~219.00V 0~ -20~ ≤2% (≥99.5% More Than of CAN/RS485 Growatt,Deye,Sol-Ark,Sol Support Up to PC Terminal or Wifi Module Ref	187.50~273.75V 55°C 60°C 2025°C 6,000 Times* /Dry Contact unSynk,Goodwe,Sofar,etc 7PCS in Parallel		

^{*: @0.2}C, 80% DoD, 25°C



Introduction

YiLiNK high-voltage battery system integrates premium high-cycle lithium iron phosphate cells and battery management system with multiple levels of protection and monitoring.

The modular design and multiple levels of control allow you to meet a wide variety of backup needs for residential site, commercial sites, industrial areas and communities.

The reliable battery cells and energy management system can solve the power demand of each scenario and also bring excellent return on investment for the owner.











Advantages

- Voltage from 192V to 1500VDC with various capacities
- Multi-level protections and monitors
- Smar monitoring and communication with Inverer, PCS and EMS
- Various installation suppors: wall mounted, rack mounted and container installations
- Easy and fexible installation
- Highly reliable lithium battery cells and BMS

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Specification

Rack module-Unit 480V - 1500VDC Range

Battery Module



Module Unit	HVM100	HVM200	HVM280
Battery Type	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage (V)	51.2V	51.2V	51.2V
Nominal Capacity (Ah)	100Ah	200h	280Ah
Energy (kWh)	5.12kWh	10.24kWh	14.336kWh
Operation Cycle	More Than 6,000 Times*		
Dimension (mm)	Depends on Specific Project		ct

^{*: @0.2}C, 80% DoD, 25°C

Battery Cluster

Typical Model	YL-C384280	YL-C480280	YL-C720280	YL-C1248280	Remark
Battery Type	LiFePO4				/
Nominal Voltage (V)	384V 480V 720V 1248V				Can be up to 1500VDC
Nominal Capacity (Ah)	280Ah			Capacity can be Battery Module	
Energy (kWh)	107.52kWh	134.4kWh	201.6kWh	349.44kWh	*8PCS
Max. Output Power (kW)	107.52kW	134kW	201.6kW	349kW	Depends on final spec confirmation
Working Voltage (V)	300 ~ 438V	375 ~ 547V	562.5 ~ 821V	975 ~ 1423V	Configurable
Recommend DoD	80~90%				/
Efciency of Charge & Discharge	≥99.5% @0.2C				/
Communication	CAN; RS485; RS232				/
Parallel Capability	8*Clusters				Max.240PCS Battery Modules
Operation Temp. (°C)	0~55°C				/
Storage Temperature	-10~45°C, @60%±25%RH				/
Working Life	10 Years				/
Standards	UL9540A; UL1973; CE; IEC62619; UN38.3			/	







Projects













































