

Power a Better World

Utility, Industrial & Commercial Projects

Advantages

- Voltage from 192V to 1500Vdc with various capacities
- Multi-level protections and monitoring
- Smart monitoring and communication with Inverter, PCS and EMS
- Various installation supports: wall mounting, rack mounting and container installations
- Easy and flexible installation
- Highly reliable lithium battery cells and BMS

Contact Us



Find more



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 sites, 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.



Specification

Rack Module-Unit 192Vdc - 1500Vdc Range

Battery Module



Module Unit	HVM206	HVM280	HVM412
Battery Type	LiFePO4		
Nominal Voltage (V)	48V		
Nominal Capacity (Ah)	206Ah	280Ah	412Ah
Energy (kWh)	9.888kWh	13.440kWh	19.776kWh
Dimension (mm)D*W*H	460*640*228	550*640*228	730*640*228
Cycle Life	More than 6,000 Times, @0.2C, 80% DoD, 25°C		

*: @0.2C, 80% DoD, 25°C

Battery Cluster & Stack

Typical Model	YL-C384280	YL-C528280	YL-C720280	YL-C1248280	YL-C1248412	Remark
Battery Type	LiFePO4					/
Nominal Voltage (V)	384V	528V	720V	1075.2V	1248V	Can be up to 1500Vdc
Nominal Capacity (Ah)	280Ah	280Ah	280Ah	280Ah	412Ah	Capacity can be Battery Module
Energy (kWh)	107.520kWh	147.840kWh	201.600kWh	301.056kWh	514.176kWh	Depends on FinalSpec Confirmation
Max. Output Power (kW)	50kW	75kW	100kW	150kW	250kW	
Operating Voltage (V)	300 ~ 438V	412.5~602.25V	562.50~821.25V	840~1226.4V	975~1423.5V	
Dimension (mm) D*W*H	790*1400*1250	790*1400*1500	790*1400*2150	790*2090*1950	755*2090*2260	
Gross weight (Approx.kg)	1000kg	1320kg	1800kg	2620kg	4100kg	
Recommend DoD	80~90%					/
Efficiency of Charge & Discharge	≥99.5% @0.2C					/
Communication	CAN/RS485/Modbus					/
Parallel Capability	15*Clusters					/
Operation Temperature	-20~55°C					/
Calendar Life	10 Years					/
Protection Level	IP21					/
Cooling Type	Air cooling + Natural cooling					/
Standards	UL9540A; UL1973; CE; IEC62619; UN38.3					/

