



48V 100-200AH
WALL BATTERY

Features

- Long cycle life - product life expectancy of 15 - 20 years
- Modular system allows storage capacity to be easily expandable as power needs increase
- Proprietary architecture and integrated Battery Management System (BMS) - no additional programming, firmware, or wiring
- Operates at unparalleled 98% efficiency for more than 5,000 cycles
- Can be rack mounted or wall mounted in a dead space area of your home/business
- Offers up to 100% depth of discharge
- Non-toxic and non-hazardous recyclable materials - recycle at end of life



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Battery Specifications

Model No.	YP-WL48100	YP-WL48150	YP-WL48200
Voltage	48V	48V	48V
Combination	15S2P	15S3P	15S4P
Capacity	100AH	150AH	200AH
Energy	4.8KwH	7.2KwH	9.6KwH
Weight	58kg	78kg	100kg
Chemistry	Lithium Ferro Phosphate (Lifepo4) Safest Lithium Ion, No fire risk		
BMS	Built - in Battery Management System		
Connectors	Waterproof connector		
Dimension	740*530*200mm		
Cycles (80% DOD)	6000 cycles		
Depth of discharge	Upto 100%		
Life time	10 years		
Standard charge	20A		
Standard discharge	20A		
Maximum continuous charge	100A or 200A		
Maximum continuous discharge	100A or 200A		
Operation temperature	Charge : 0-45°C, Discharge : -20~55°C		
Storage Temperature	Keep at -20 to 65°C		
Protection standard	Ip21		
Cut off voltage	44V		
Max.charging voltage	58V		
Memory effect	None		
Maintenance	Maintenance free		
Compatibility	Compatible with all standard offgrid inverters and charge controllers. Battery to inverter output sizing keep 2:1 ratio.		
Warranty Period	10 Years		
Remarks	Youth Power 48V wall battery BMS must be wired in parallel only. Wiring in series will void the warranty. Allow max. 30 units in parallel to expand more capacity with combiner box. 35M2 cable applied with whole unit .		

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