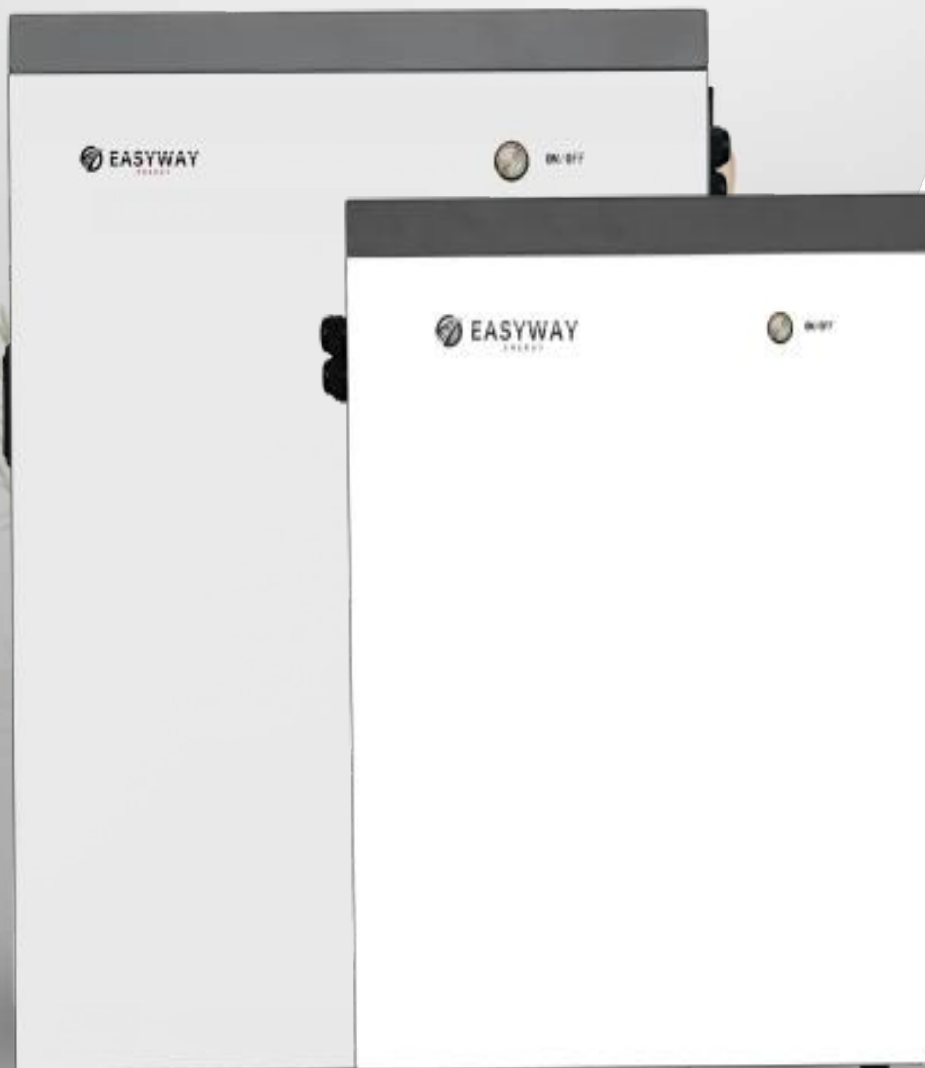


# RESIDENTIAL ESS

## LITHIUM BATTERY

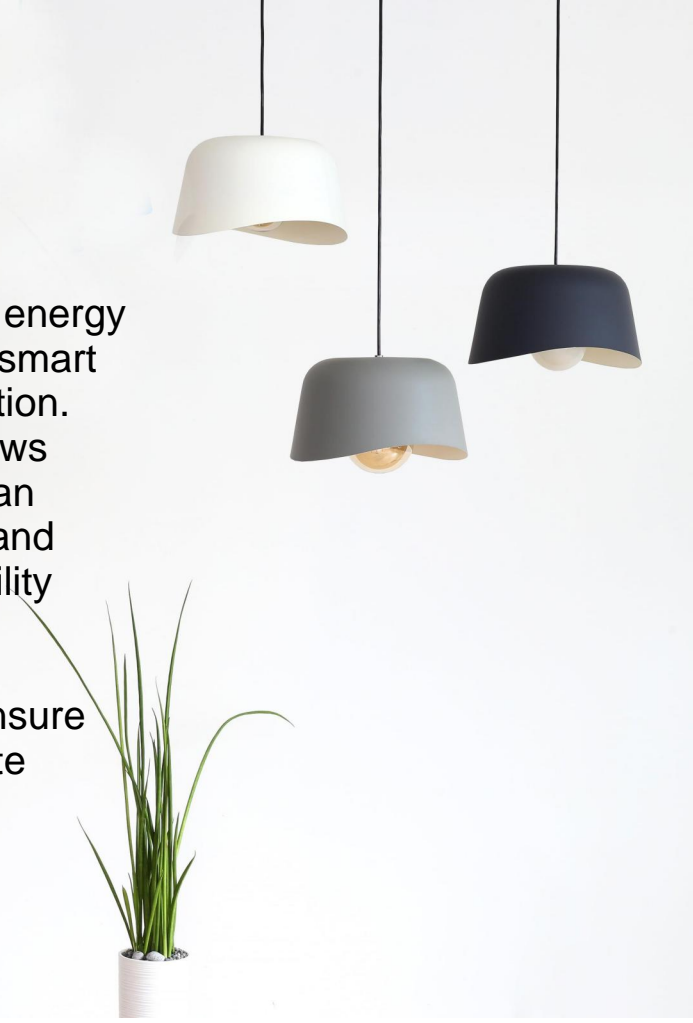
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Free standing / Wall-mounted  
Energy Storage System



# SUMMARY

Introduce the LIFEP04 PowerWall battery for residential energy storage-a fashionable home energy storage solution. The battery is equipped with smart BMS to monitor the battery and multiple protection. The UNIV PowerWall series lithium battery allows parallel connection to enhance capacity, and can easily monitor its working conditions by uplink and optional bluetooth. The extraordinary compatibility of it with the extensive inverter brand ensures seamless integration into your energy system. Select the UNIV PowerWall series battery to ensure a reliable and continuous power supply -ultimate energy demand selection.



# SPECIFICATION(LV)

## Module

## UNIV-10kWh/LV(W)

Basic Parameters		
Total Energy		10.5kWh
Usable Energy(DC)		10.2kWh
Voltage		48-58.4Vd.c
Nominal Voltage		51.2Vd.c
Rated Capacity		206Ah
Weight		94kg
Nominal Current		103A
Nominal Charge power		5.76kW
Nominal Discharge power		5.76kW
Peak power(only discharging)		7.9kW for 3sec
Dimension(mm)		530*700*200mm
Operating Condition		Indoor
Efficiency		>97%
Operating Temperature	Charge	0℃ ~ 50℃
	Discharge	-20℃ ~ 60℃
Color		White
Humidity		< 60%(No condensed water)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Installation		Wall mounting/Free standing
IP rating		IP 54
Protective Class		I
Max numbers of parallel connection		16P
Warranty		10 years
Life Span		> 15 years
Communication		CAN/ RS485
Protection Mode		Dual hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety	Cell UL 1973	
	CE/TUV	
Hazardous Material Classification		9
Transportation		UN38.3

\*: The recommended and max. continuous operation current is for a battery cell temperature within 10~40℃ to consider ,out of such temp. range will cause a derating on operation current.