R-BOX-IP64

Introduction

The PYTES R-BOX-IP64 is a state-of-the-art home energy storage system solution. It has a total usable energy capacity of 10kWh. Product features include quick and easy installation, a compact and elegant home style design and great extensibility. The PYTES R-BOX-IP64 can provide smart configurable backup power during grid outages and power smart homes with solar energy, day and night.
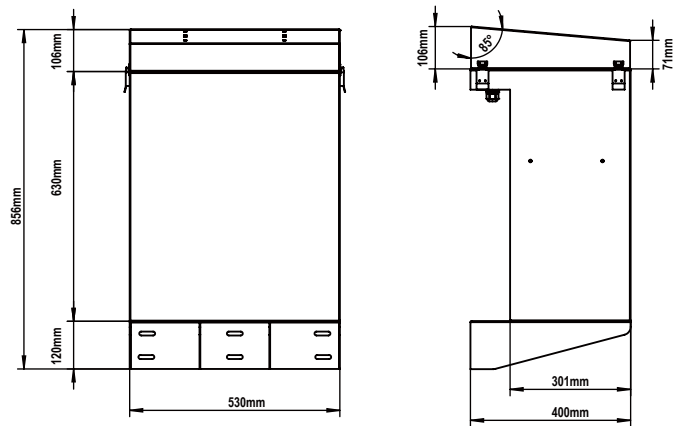
Technical Specifications

Model	IP64
Total capacity	10.24kWh
Usable capacity	9.22kWh
Chemistry	Lithium iron phosphate (LFP)
Nominal voltage	51.2V
Max. charge/ discharge current	100A
Communication	CAN, RS485
Certificate	UL1973, CE, UN38.3
Operating Temperature	Charge: 32~113°F, Discharge: 14~122°F
Altitude	＜6562ft (2000m)

Mechanical Design	Parameter
Dimensions (L*W*H)	12.2 * 20.9 * 29 inch (33.7 inch H w/ holder) 400 * 530 * 736 mm (856 mm H w/ holder)
Weight	264lbs
Mount	Wall / Floor mount
Enclosure rating	R-BOX-IP64
Enclosure material	Cool-rolled steel
Cooling	Natural convection
Warranty	6000 cycles or 10 years

3D image

Mechanical drawing

Battery Expansion

PYTES Home Energy Storage System can connect up to 4 pcs R-BOX-IP64 directly. Please refer to a HUB solution for bigger expansion demands.