

# WALL

## XPB-W11 AND XPB-W35



**Standard with 11 or 35 kW  
Inverter, on-Board Transformer  
and Switch Function**

**Storage: 20 or 40 kWh**

### **PARALLEL PLATFORM TECHNOLOGY**

The ability of the power box to be combined with different energy sources and to sum up their combined power outputs.

### **UNIQUE BI-DIRECTIONAL HYBRID INVERTER**

In-house designed interface technology allowing the Power Box to charge and discharge using only one inverter.

### **UNIQUE ACTIVE BATTERY MANAGEMENT SYSTEM (ABMS)**

Monitoring and controls to actively ensure maximum battery life span and optimum efficiency are achieved.

### **PLUG & PLAY**

Easy installation and with the possibility to combine the Power Box with grid supply, renewable energy sources and a generator.

### **BACKUP POWER**

Blackout? With the Power Box you will continue to be supplied and the solar system will work as well.

### **HEALTH STATUS MONITORING**

Ensuring that the complete system is functioning efficiency at all times.

XPB-W		W11	W35
Unit Details	Dimensions (WxDxH)	power electrics with frame: 1 m x 0,54 m x 2 m battery pack with frame: 0,75 m x 0,35 m x 2 m edge distance (above, left, right): min. 0,3 m	
	Base Weight	300 kg (power electronics) + 280 kg (per battery pack)	300 kg (power electronics) + 280 kg (per battery pack)
	Lifting Points	yes	
	Protection	IP 68 (battery pack)	
Use	Application	Indoor	
	Mounting	wall-mounted	
	Max. Altitude	5000 m (with a derating above 3000 m)	
Power Electronics	Inverter Power	11 kW	35 kW
	Transformer	On-Board as standard / 400 V, 3P + N + PE	
	Switch Function	On-Board as standard	
Storage	Battery Type	Lithium Iron Phosphate (LiFePO <sub>4</sub> )	
	Cell Cup Class	32650 screwed	
	Net. Capacity	20 kWh (standard) expandable to 40 kWh	40 kWh (standard)
	Nominal Battery Voltage	650 V DC	
	Management	aBMS (active Battery Management System)	
XPB Output Configuration	AC Input	63 A max / phase	
	AC Output	63 A max / phase	
	Types of Network	IT / TN / TN-C / TN-S	
	Grid Frequency	EU: 50 Hz (45-55 Hz)	
	XPB Connection Interface	Hard wired, suited for direct metering	
Safety	Cell Operating Range	-20 to +60°C discharge +5 to +55°C charge	
	Protection Measures	Integrated thermal management (passive cooling), integrated voltage protection, integrated cell internal resistance monitoring, integrated over current protection (aBMS ≥ 75 A, Fuse 100 A)	
	Battery Pack	Thermally triggered extinguishing system (N <sub>2</sub> / CO <sub>2</sub> ) in every Battery Pack	
Options	Cold Climate Package with Cabinet Heater, Cold Climate Package Mats (per Battery Pack)		
	Floor Mounting System		
	Other countries: 60 Hz Version		

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