

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 ₄)	
	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 ₂ / CO ₂) 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		

DISCOVER NEW ENERGY

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