



# WALL

## Data Sheet



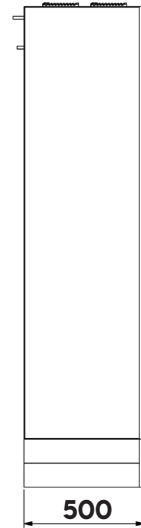
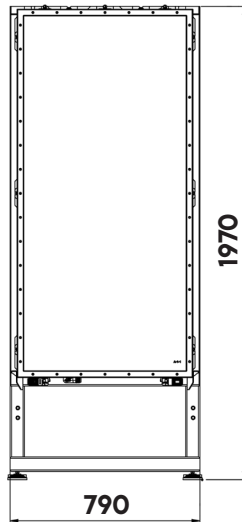
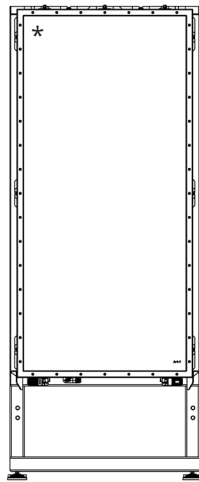
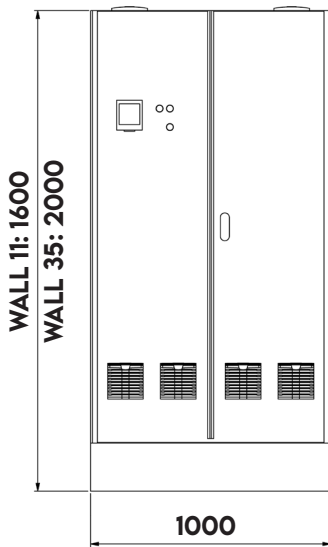
DISCOVER NEW ENERGY

## WALL - TECHNICAL DATA

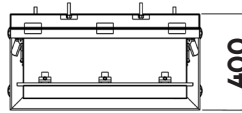
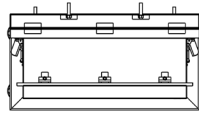
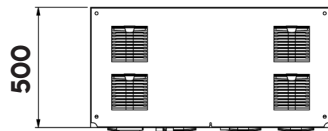
XPB-W		W11	W35
Operation	Installation	Indoor / Battery Packs can also be rack-mounted	
	Lifting	Power Cabinet: forklift points and annular nuts for lifting, Battery Pack: forklift and positioning handels	
	Operating Temperature	min. + 5 °C, max. + 35 °C	
	Humidity	max. 90 % not condensing	
	Max. Altitude	4000 m (with a derating above 2000 m)	
	IP Rating	System: IP 20 Battery Packs: IP 68 (when fully connected)	
AC Connection	Inverter Power	11 kVA (11 kW @ cos phi = 1)	35 kVA (35 kW @ cos phi = 1)
	Transformer	Galvanic isolating Transformer: DZn0	
	Switch Function	fully integrated	
	Network Type	TN-S (TN-C) Optional: IT	
	Grid Frequency	50 Hz (45-55 Hz)	
	Rated Voltage	230 V P-N/400 V P-P; 3P+N+PE	
	AC Input / Output	63 A	115 A (AC3), 160 A (AC1)
Limited by the respective connection type   Protection at customer's premises			
Storage System	Cell Chemistry	Lithium Iron Phosphate (LiFePO <sub>4</sub> / LFP)	
	Cell Operating Temperature	-10 to +55 °C discharge +5 to +55 °C charge	
	Storing Temperature	0 °C to +35 °C	
	Cell Safety	Over-Current, Over-Temperature, Over-Pressure, Over-Voltage Protection, internally fused (irreversible)	
	Fire Protection	Pack integrated thermally triggered extinguishing system (N <sub>2</sub> / CO <sub>2</sub> )	
	Storage Capacity (at 100 % DoD)	47 or 70,5 kWh	
	Battery Voltage	Nominal 652 V DC, Range: 585 to 744 V DC	
	Management	xelectrix active Battery Management System	
Communication	Internet	Standard: WAN Connection Point / Option: LTE	
	Human Interface	Integrated Control Board with Touch Display	
	External EMS	Optional Connection: via Modbus/TCP Interface	
	Monitoring	Standard: xPMon	
	GPS	Optional	
Standards	TOR Erzeuger Typ A:2019-12, OVE R25:2020-03, VDE-AR-N 4105:2018-11, DIN VDE V 0124-100:2020-06, Low Voltage Directive 2014/35/EU, Electromagnetic Compatibility (EMC) 2014/30/EU, EN 61800-2, EN 61800-3, EN 61800-5-1, EN61800-5-2, UN38.3, IEC 62619, IEC 63056.		

For additional options and configurations please contact xelectrix Power or our regional partner!  
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# WALL - DIMENSIONS AND WEIGHT



\* Battery Packs of Wall can also be rack-mounted



WEIGHT TABLE	W11	W35
Power Cabinet	305 kg	430 kg
+ per 20 kWh Battery Pack	300 kg	300 kg

## PARALLEL PLATFORM TECHNOLOGY

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

## HEALTH STATUS MONITORING

Ensuring efficient system functions at all times.

## BACKUP POWER

Island and emergency power system for high outputs up to 35 kW.

## BATTERY EXPANSION

Expandable Storage Capacity to suit your needs.

## HIGH AMPS

Highest through put with up to 160 A for the WALL.

## SAFETY

Highest safety standards on cell, module and unit level.

## SPEED

Fastest reaction times (< 500 ms) through NAM Technology, suited for Fast Frequency Response application.

## GENERATOR HYBRIDIZATION

Optimization of fuel consumption and running time.



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