

+ Battery Energy Storage System



HEIM Pro

Power made smarter

X O L T A

+ HEIM Pro – smart energy storage with real-time insights and effortless scalability.

The ideal multi-purpose battery

Take advantage of up-to 30kW power and 92kWh usable energy in HEIM Pro, our 3th generation light industrial energy storage system. The system is delivered in fully tested modules, to give installation flexibility. There are several housing options for indoor or outdoor installation wall mounted or stand alone.

Smarter Power Storage. Bigger Savings.

Choose HEIM Pro for any application, regardless whether your requirement is high power for profitable grid services or you simply wish to store excess renewable energy.

Switch on the configurable Time of Use (ToU) policies and let your XOLTA energy storage system earn additional savings from variations in the price of electricity. Near real-time data are at your fingertips.

Optimize your savings and renewable consumption through smart functions such as:

- Time-Shift
- ToU : Benefit from 24/7 intelligent energy optimization
- Peak shaving
- Ancillary services

Off-grid applications

- Stay online with ultra fast back-up for your buildings electricity supply

A series of comprehensive easy-to-read screens takes you through your XOLTA battery current and past performance.

If needs are changing, simply add additional storage units at your convenience, even with the benefit of next generation cell technology – they aggregate seamlessly and appear as one system in the app.



+ XOLTA HEIM

The ideal multi-purpose battery

TECHNICAL PROPERTIES:		HEIM Pro
Ac Power	20kW	30kW
PV input	3 x 10kW (max 20kW Ac output)	3 x 15kW (max 30kW Ac output)
Mppt range	150-850V	
Backup transition time	20mS	
Backup power	20kW	30kW
Power delivery	enabling ancillary services (FCR-D; FCR-N; FCR)	
Nominal capacity	23 to 92kWh (Battery module 11,5kWh, minimum 2)	
Battery chemistry	Li-ion LFP	
Nominal battery voltage	384 V DC	
Battery voltage range	348-438 V DC	
Grid connection voltage*	3 x 400V AC (3L/N/PE) <i>*Higher voltage levels feasible with transformer,</i>	
Battery system efficiency**	89% <i>**round -trip efficiency AC</i>	
Standby power consumption	50W	
Cycle life	>6000 @ 70%EoL	
Ambient operating temperature***	-10°C to 45°C <i>* Power derating may occur</i>	
Parallel coupling	Ability to couple up to 4 inverter units in parallel	
Cabinet	Wall cover coated aluminum	
Dimensions	D450mm xW800mm xH1600 (1 x inverter + 2 x battery module)	
Weight	240 kg (1 x inverter + 2 x battery module)	

STANDARDS AND COMPLIANCE:	
Battery system:	CE: Safety, health, and environment
	UN38.3 classification for safe transportation
	IEC 61000-6-2, IEC 61000-6-3, EN 62109-1, EN 62109-2
Supported grid codes	TF331 A; 50549
Data	Operational data is handled by a local linux system and MS Azure with storage in Ireland
Protection rating	IP65
Noise	<xx db @1m
Performance warranty	Up to 10 years / 70%