

## The Hub

Benefit from enhanced financial returns from your solar and battery system thanks to improved round-trip efficiency, tariff arbitrage savings and payments for participating in flexibility services.

The Hub includes everything required for the latest generation of flexibility services, including essential high-performance metering, protection and control gear.



## General Specifications

Nominal Input Voltage	230 VAC (50 Hz)
Operating Input Voltage	176-264 VAC
Operating Frequency	40-65 Hz
Cable Entry Facility	3× 32 mm
Connectivity Provided	AC to Mains, AC to Battery, AC to PV
Included MCBs	AC Connection – 63A Battery Connection – 32A PV Connection – 32A
Ports / Interfaces	1x USB 2.0 Type A Host Port 2× 10/100 Ethernet RJ45 Port 1x RS485 RJ45 Port
Meter Type	In-line (Direct) Metering (Revenue-Grade)
Communications Protocols	RS485 (Modbus-RTU), TCP/IP
Dimensions (W x D x H)	434 × 129 × 260 mm (Excluding Glands)
Weight	7.5 kg
Ingress Protection	IP65 (Suitable for outdoor use)
Packed Dimensions	490 × 340 × 165 mm

## Compatibility

Solax	X1 FIT G4, X1 AC, X3 HYBRID, Triple Power T30, T45, T58, T63
BYD	MINIES & Extension, Duracell Energy Bank 1 & 2
Alpha	SMILE5-INV, SMILE5-BAT, SMILE5-BAT-10.1P, SMILE5-BAT-13.3P
Fox ESS	AOI-AC1, AC1, HV2600

Please find out the latest information about compatible systems in [levelise.com/getting-started](https://levelise.com/getting-started)

## Features



### Flexibility

Customer receive direct monthly payments from us for helping support net zero emissions.



### Arbitrage

We reduce bills by buying electricity when the tariff is low and using it during peak periods when tariff rates are at their highest or exporting it back to the grid if that's more beneficial.



### Efficiency

We optimise your battery by ensuring that both the charging and discharging are as efficient as possible.

## Environmental Specifications

Operating Temperature Range	0°C to +60°C
Operating Humidity	20% to 95% RH, Non-Condensing
Storage Temperature Range	-10°C to +70°C

## Measurement Accuracy

Frequency	±0.001 Hz
Active Power	<1% of FS
Frequency Meter Sample Rate	20 Hz
Active Energy	Class 1 IEC62053-21, Class B EN50470-3

