

Libra Energy - ROADMAP Inverters, Storage and EV

Perspective on Q3 and Q4 2025

Product Management

July 2025 (Next update: September 2025)

Changes in Libra Energy's product portfolio (1)

Storage and accessories	When
The EcoFlow Home Energy Ecosystem added	
PowerOcean inverters: 1-Phase all-in-one with battery, 3-Phase, DC-Fit DC-DC inverter turns a string inverter into a hybrid inverter Battery, 10-inch Home Energy Monitor, Smart (Matter) socket, energy measurement accessories	Immediately
Tesla added	
Tesla Powerwall 3 with expansion and accessories added	Immediately
Solis	
Solis S5-EH1P Smart 1-Phase Hybrid inverters will replace EH1P	Q4 2025
Solis Hybrid 3-Phase inverters for Belgium for the time being Solis-S6-EH3P(6-8-10)K2-H (where max. apparent power is equal to the power, as also stated on Synergrid)	Immediately
Huawei	
Huawei 1-Phase L1 series are now end-of-life. Successor series LB0 already available for some time	Immediately
Bliq	
BLI-HB-HS2-HV5-PLUS replaces BLI-HB-BAT-HS2-HV5	Immediately
Inverters Grid connected and accessories	When
GoodWe	
GoodWe grid connected inverters SDT 12K and SDT 17K are end-of-life.	Still on stock
GoodWe grid connected inverters (25/30/40)kW SDT-30 (SDT G3) will replace the (25/30/36)K-MT series	October 2025
GoodWe grid connected inverter GW80K-SMT-AFCI will replace GW80K-MT-RS485	October 2025
Solis	
Solis-S5-WIFI-ST-4P 2.4Ghz and 5.0Ghz Wifi data logging stick has succeeded Solis-S3-WIFI-ST 2.4gGhz Wifi stick	September 2025
Solis grid-connected S6-GCxxK series succeeds 5G-PRO series	September 2025
LumenRadio	
LumenRadio added to the range, wireless modbus communication	Immediately

Changes in Libra Energy's product portfolio (2)

EV	When
Wallbox	
Wallbox Pulsar plus socket phased out	Immediately
Peblar	
Peblar chargers added to the range	Immediately
Ecoflow	
Power Pulse 2 added to the range	
Tibber	
Tibber Pulse available again	Immediately
Homewizard	
Homewizard P1 meter available	Immediately

Storage inverters

Perspective on Q3 and Q4 2025

Product Management

Storage – Hybrid Inverters (1)

GOODWE

	GoodWe				
					
Series	N-EH-series	ES-20 series	ET series	ET-20 (ET G2) series	≥15K-ET series
Code	GWxxxxN-EH	ES-20 series	GWxxKN-ET-SPD2	GWxxxx(/xxK)-ET-20	GW(15-29.9)K-ET
Phase	1-Phase	1-Phase	3-Phase	3-Phase	3-Phase
Power	3.6/5 kW	3.6/5 kW	6.5/8 kW	6/8/10/12/15 kW	15/20/25/29.9 kW
Compatible battery	HV / Lynx D series	LV / Lynx U series	HV / Lynx D series	HV / Lynx D series	HV / Lynx D series
Stock	Shop	Shop	Shop	Shop	Shop

For battery compatibility, see the [storage packages 2025 pdf](#) and for help with inverter-with-battery choice, see the *keuzehulp* on the webpage: [Batteries](#)
 Check prices and latest availability in the Libra Energy webshop: [Hybrid inverters](#)

Storage – Hybrid Inverters (2)



Solis

							
Series	EH1P	RHI / HVES	S6-EH3PxxK2-H	S6-EH3PxxK-HEU	S6-EH3P(12-20)K-H	S6-EH3P(29.9-50)K-H	S6-EH3Px(x)K-YD-L
Code	Solis-S5-EH1PxxK-L(-BE)	Solis-RHI-3P4K-HVES	Solis-S6-EH3PxxK2-H	Solis-S6-EH3PxxK-HEU(2)	Solis-S6-EH3P(12-20)K-H	Solis-S6-EH3P(29.9-50)K-H	Solis-S6-EH3Px(x)K-YDL
Phase	1-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase
Power	3/3.6/4.6/5/6 kW	4 kW	6/8/10 kW	4/5/6/8/10 kW	12/15/20 kW	29.9/40/50 kW	8/10/12/15 kW
Compatible battery	LV	HV	HV	HV	HV	HV	LV
Stock	Shop	Shop	Shop	Shop	Shop	Shop	Shop

For battery compatibility, see the [storage packages 2025 pdf](#) and for help with inverter-with-battery choice, see the *selection aid* on the webpage: [Batteries](#)
Check prices and latest availability in the Libra Energy webshop: [Hybrid inverters](#)

Storage – Hybrid Inverters (3)



	Huawei			
				
Series	SUN2000 K-LB0	SUN2000 KTL-M1	Sun2000 K-MAP0	SUN2000 K-MB0
Code	HUA-xK-LB0	HUA-xKTL-M1	HUA-xK-MAP0(-BE)	HUA-xK-MB0
Phase	1-Phase	3-Phase	3-Phase	3-Phase
Power	3/3.68/4/4.6/5 kW	3/4/5/6/8/10 kW	5/6/8/10/12 kW	12/15/17/20/25 kW
Compatible battery	Huawei LUNA2000 battery	Huawei LUNA2000 battery	Huawei LUNA2000 battery	Huawei LUNA2000 battery
Communication	Incl. Wifi	Incl. Wifi & Fast Ethernet (FE)	Incl. Wifi	RS485
Stock	Shop	Shop	Shop	Shop

For battery compatibility, see the [storage packages 2025 pdf](#) and for help with inverter-with-battery choice, see the *selection aid* on the webpage: [Batteries](#)
 Check prices and latest availability in the Libra Energy webshop: [Hybrid inverters](#)

EcoFlow – Hybrid* Inverters (4)

ECOFLOW

	Residential			Commercial
				
Series	Power Ocean DC Fit*	PowerOcean Single-phase	PowerOcean Three-phase	PowerOcean Plus Three-phase
Code	EF-PD-5-S1 Packages: C-EF-PD-xxxx	EF-HD-P1-(3-5)K-S1 Packages: C-EF-BD-xxxx	EF-HD-P3-(6-12)K0-S1 Packages: C-EF-BD-1-xxxx	EF-HD-P3-(15-29)Kx-S1 Packages: C-EF-BD-2-xxxx
Phase	To be combined with: 1- of 3-Phase stringinverter*	1-Phase	3-Phase	3-Phase
Power	5 kW	3/3.68/5 kW	6/8/10/12 kW	15/20/25/29.9 kW
Number of MPPTs	1 or 2 MPPTs	2 MPPTs	2 MPPTs	3 MPPTs
Compatible battery	EcoFlow PowerOcean LFP battery	EcoFlow PowerOcean LFP battery	EcoFlow PowerOcean LFP battery	EcoFlow PowerOcean LFP battery
Remark	DC – DC inverter Comes on top of the battery(ies)	Comes on top of the battery(ies)		
Stock/Price	Shop	Shop	Shop	Shop

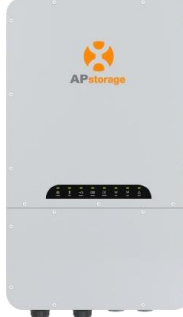
For prices and most recent availability go to the Libra Energy Webshop: [Huawei inverters](#) for other Huawei inverters, see [Huawei Hybrid inverters](#)

Storage – AC Coupled Inverters

GOODWE

 **solis**

 **APsystems**
ALTENERGY POWER

	GoodWe	Solis		APsystems AC-retrofit	
					
Series	S-BP-20 series	EA1P	EA3P10K	ELS-5K	ELT-12K
Code	GWxxxxS-BP-20 / SBP-20	S6-EA1PxK-L	S6-EA3P10K-NDH	APS-ELS-5K	APS-ELT-12K-EU
Phase	1-Phase	1-Phase	3-Phase	1-Phase	3-Phase
Power	3.6/5 kW	3.6/4.6/5 kW	10 kW	5 kW	12 kW
Compatible battery	LV / o.a. LX-U series	LV	HV	LV / APbattery / Pelio	LV / APbattery / Pelio
Stock	Shop	Shop	Shop	Shop	Shop

For battery compatibility, see the [Storage folder pdf](#) and for help with inverter-with-battery choice, see the *selection aid* on the webpage: [batteries and batteries](#)

Check prices and latest availability in the Libra Energy webshop: [AC coupled inverters](#)

Storage

Perspective on Q3 and Q4 2025

Product Management

Storage – AC Batteries



Energy



	Tesla	Enphase		
				
Series	Powerwall 3	IQ battery-3T	IQ battery-10T	IQ battery-5P-3P*
Usable capacity	13.5 kWh	3.5 kWh	10.5 kWh	5.0 kWh
HV/LV/AC	AC battery, 1-phase	AC battery, 1-phase	AC battery, 1-phase	AC-batteria, 1-/3-phase (Flex-Phase)
Remark	For BE and NL, expandable with Powerwall 3 Expansion Pack	Last copies available for installation in the DACH region, the Netherlands, France, Belgium, Spain, Portugal, Sweden, Denmark, Greece, Finland and Luxembourg.		Certified for NL/BE/DE/AU/CH
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [Tesla and Enphase batteries](#)

*IQ battery-5P-1P and IQ battery-5P-3P cannot both be installed in 1 location

Storage – All-in-one batteries (1)

bliq

	Bliq All-in-one			
				
Series	Home battery 3.68kW 1-phase	Home battery 5kW 1-phase	Home battery 5kW 3-phase	Home battery 8kW 3-phase
Ability	3.68 kW	5 kW	5 kW	8 kW
Usable capacity	5/10 kWh	10/15 kWh	10/15 kWh	20/25 kWh
Number of MPPTs	2	2	2	2
HV/LV/AC	HV	HV	HV	HV
Remark	Only in NL and BE	Only in NL and BE	Only in NL and BE	Only in NL and BE
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [Bliq home batteries](#)

*Bliq All-in-One home batteries are only for NL and BE

Storage – All-in-one batteries (2)

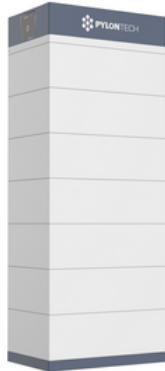
EcoFlow

	EcoFlow			
				
Series	Home battery 3.0 kW 1-phase	Home battery 3.68 kW 1-phase	Home battery 5kW 1-phase	Home Battery DC – DC, DC Fit Kit
Ability	3 kW	3.68 kW	5 kW	Max. 5 kW
Usable capacity	5.1/10.2 kWh	10.2/15.3 kWh	10.2/15.3 kWh	5.1/10.2/15.3 kWh
Number of MPPTs	2	2	2	*
HV/LV	HV	HV	HV	HV
Remark				Retrofit on string inverter. * depending on host inverter, 1 or 2 strings
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [EcoFlow 1-Phase home batteries](#) and [EcoFlow DC Fit home batteries](#)

Storage – Batteries HV (1), compatible with many inverter brands



	BYD		Pylontech
			
Series	Battery-Box Premium HVS	Battery-BOX Premium HVM	Force H3
Usable capacity	5.1/7.7/10.2 kWh	8.3/11/13.8/ 16.6/19.3/22.1 kWh	10.2/15.4/20.5/25.6/ 30.7/35.8 kWh
HV/LV	HV Battery	HV Battery	HV Battery
Remark	Stackable Modular expansion	Stackable Modular expansion	Stackable Modular expansion
Stock	Shop	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [High Voltage Batteries](#)

Storage – Batteries HV (2), brand specific

ECOFLOW

HUAWEI

Energy

GOODWE

	EcoFlow	Huawei	Tesla PowerWall	GoodWe
				
Series	PowerOcean LFP	LUNA2000 S1	Tesla Expansion Pack	Lynx Home D-series
Usable capacity	5.1/10.2/15.3 kWh Packages: C-EF-PD-xxxx	6.9/13.8/20.7 kWh	13.5 kWh	5/10/15/20/ 25/30/35/40 kWh
HV/LV	HV Battery	HV Battery	HV Battery	HV Battery
Remark	Compatible with all PowerOcean inverters, stackable with DC-Fit and PowerOcean 1-Phase	Compatibel met KTL-L1, KTL-M1 en K-MB0 series Huawei inverters	Extension module	Stackable (floor or wall mounting) Compatible with GW EH, BH, ET, and BT series
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [High Voltage Batteries](#)

Storage – Batteries LV (1), compatible with many inverter brands



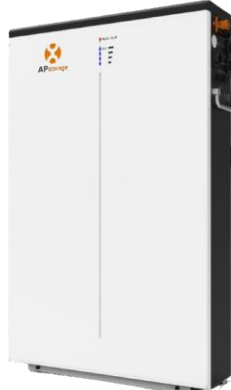
	Pylontech	BYD
		
Series	Pelio L5.12	Battery-Box Premium LVS
Usable capacity	5.12/10.24/15.36/20.48 kWh (floor) 5.12/10.24/15.36 kWh (wall)	4/8/12/16/20/24 kWh
HV/LV	LV Battery	LV Battery
Remark	Floor or wall mounting, Modular expansion	Stackable Modular expansion
Stock	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [Low Voltage Batteries](#)

Storage – Batteries LV (2), brand specific

GOODWE

APstorage

	Goodwe	APsystems
		
Series	Lynx Home U5.0-30 series	Ampace 6.5KWh
Usable capacity	5.0 kWh	6.0 kWh
HV/LV	LV Battery	LV Battery
Remark	With heating and fire extinguishing functions. Compatible with: GW EM, ES and S-BP series LX-U5.0-30 cannot be mixed with LX-U5.4(-20/L)	Compatible with: APsystems ELS-5K / ELT-12K
Stock	Shop	Shop

For prices and most recent availability, check the Libra Energy webshop: [Low Voltage Batteries](#)

Storage – C&I (1), Huawei



	Huawei LUNA2000 – 215 kWh	
		
Series	LUNA2000-215-2S12	>215kWh
Configuration	240S1P	Contact us for the possibilities
Maximum battery capacity	215 kWh	
Ability	108 KW	
Protection rating	IP55	
Stock	Shop	

Check prices and latest availability in the Libra Energy webshop: [Libra Energy - Wholesale in solar panels](#)

Storage – C&I (2), GoodWe

GOODWE

	GoodWe
	
Series	Lynx LX C outdoor
Article code	GW60KWH-D-10 / GW60KWH-D-10-Ext
Maximum battery capacity	60 kWh (expandable with max. 2 extensions)
Inverter compatibility	GoodWe ET-series: 15/20/25/29.9 kW
Protection rating	IP55
Stock	Shop

Check prices and latest availability in the Libra Energy webshop: [Libra Energy - Wholesale in solar panels](#)

Grid-connected Inverters

Perspective on Q3 and Q4 2025

Product Management

Huawei – Grid-connected Inverters



	Commercial			Utility		
						
SUN2000 Series	HUA-xxKTL-M3	HUA-(100/115)KTL-M2 HUA-100KTL-M2-SPD1	HUA-150K-MG0	HUA-105KTL	HUA-215KTL-H0 HUA-215KTL-H3	HUA-330KTL-H1
Phase	3-Phase	3-Phase	3-Phase	3-Phase 800V	3-Phase 800V	3-Phase 800V
Power	30/36/40/50 kW	100/115 kW	150 kW	105 kW	215 kW	330 kW
Number of MPPT	4 MPPTs	10 MPPTs	7 MPPTs	6 MPPTs	9 MPPTs 3 MPPTs	6 MPPTs
Remark	With AFCI		With AFCI	Only for DE		
Stock/Price	Shop	Shop	Shop	On order	Shop	Shop

For prices and most recent availability go to the Libra Energy Webshop: [Huawei inverters](#) for other Huawei inverters, see [Huawei Hybrid inverters](#)

Solis – Grid-connected Inverters



	Residential				Commercial				Utility
									
Series	Solis-mini-xxxx-S6	Solis-xxK-S6	Solis-xK-S5-3P	Solis-xxK-S5(-BE)	Solis-xxK-S5(-BE) Solis-xxK-5G-DC	Solis-xxK-S5	Solis-xxK-5G-PRO	Solis-S6-GCxxxK	Solis-255K-EHV-5G
Phase	1-Phase	1-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase 800V
Power	0,7/1/1,5/2/ 2.5/3/3.6 kW	2.5/3/3.6/4/5 kW	3/4/5/6/8 kW	10/12/15/20 kW	25/30/40kW (33/36 kW on order)	50/60 kW	80/100/110 kW	80/100/110/125 kW	255 kW
Number of MPPT	1 MPPT	2 MPPTs	2 MPPTs	2 MPPTs	3/4 MPPTs	5/6 MPPTs	6/8 MPPTs	8/10 MPPTs	14 MPPTs
Remark	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI
Stock/Price	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop	On order

For prices and most recent availability go to the Libra Energy Webshop: [Solis inverters](#). For communication modules see [page 20](#)

GoodWe – Grid-connected Inverters

GOODWE

	Residential			Commercial				Utility	
									
Series	GWxxxx-XS-30	GWxxxx-DNS-30	GWxxxx-SDT-20-WIFI	GW20K-SDT-20-RS485 GWxxK-SDT-30(-RS485) GW10K-SDT-EU30	GWxxK-MT-RS485 GWxx-SDT-30	GWxxKS-MT-AFCI	GW80K-MT-RS485 GW80K-SMT-AFCI	GWxxxK-GT-AFCI	GW250K-HT
Phase	1-Phase	1-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase 800V
Power	1/1.5/2/2.5/3 kW	3/3.6/4.2/ 5kW	(4)/5/6 kW	(12/17 kW) 8/10/15/20 kW	25/30/36/40 kW	50/60 kW	80 kW	100/110/125 kW	250 kW
Number of MPPT	1 MPPT	2 MPPTS	2 MPPTS	2 MPPTS	3/4 MPPTS	5/6 MPPTS	4/6 MPPTS	8/10 MPPTS	12 MPPTS
Remark						Incl. AFCI	Incl. AFCI	Incl. AFCI	800V
Stock	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop	On order

For prices and most recent availability go to the Libra Energy Webshop: [GoodWe inverters](#)

Enphase - micro inverters and accessories



Article	Application	Remark	Stock
Micro inverter			
1. Micro inverter	Device that converts direct current from the solar panel directly to alternating current.	Currently, the IQ8Plus is still the standard. Max. Voc 60V, Imp 12A.	Shop
Energy Controllers for EV charging and heat pump			
HEMS-GW-01	IQ Energy Router		Shop
HEMS-HP-01	IQ Energy Router + Kit Assembly		Shop
Communication and security			
2. IQ Gateway	Ensures communication between the microinverters and the router.	Previously Envoy Standard or Metered	Shop
3. CT split-core (100A / 400A)	Power coil	If 3-Phase connection use 2x 100A CTs extra, if 3-Phase connection and 3-Phase PV, use 4x 100A CTs extra. At 400A: 6x 400A CTs needed	Shop
4. Q-relay	Security and must be placed in every installation	Both 1-phase and 3-phase available. 3-phase also for communication link phases	Shop
Cable and connectors			
5. Q-cable	Cable to connect microinverters together	Different cables available	Shop
6. Communication cable	Belcom control cable 25m of 100m	For communication between IQ battery 5P and COMMS-KIT-INT-02	Shop
7. Q-connector	Loose connectors to connect cables together	For example, to connect two rows together. Male and Female packed separately in bags of 10.	Shop
8. Q-seal	Sealing cap for a Male connector		Shop
9. Q-term	End cap for round cable ends	End valve for cut cable	Shop
Miscellaneous			
10. Q-disc	Disconnect tools for Q-cable and MC4 connectors		Shop
11. comms-kit	IQ Battery communication kit	Necessary for communication between IQ Battery 3T/10T and IQ Gateway Metered (wireless)	Shop
12. comms-kit 2	IQ Battery 5P communication kit (COMMS-KIT-INT-02)	Necessary for communication between IQ Battery 5P and IQ Gateway Metered (wired)	Shop
13. Lifting Handles	Lifting Handles (IQBATTERY-HNDL-5)	Grips for IQ Battery 5P	Shop
14. Pedestal	Floor Stand (B05-PM-0550-O)	Optional for IQ Battery 5P	Shop
15. Combinerbox 3P EU	IQ Combinerbox 3P (X-IQ-EURO2303P41)	AC sub-distribution box for a total of two 3-phase PV or storage circuits (max. 3x 16A each)	Shop
16 IQ Combiner 2 EU 3P	IQ Combiner 2 EU 3P (X-IQ-EURO2303P42)	AC sub-distribution box for a total of two 3-phase PV or 5P-3P storage circuits	Shop
17. Combiner Lite	IQ Combiner Lite / IQ Combiner Lite Kit	Distributor with Gateway Standard, 1-Phase relay and 4G-LTE modem (also as kit incl. 6x IQ8MC) incl. 5 yr dataplan	Shop
18. IQ System Controller 3	Backup System Controller 3 (ENP-SC100G-M230ROW)	The IQ System Controller (with 4G modem & 5yr data plan) connects the house to mains power, IQ batteries and solar energy with microinverters.	Shop



1. Micro inverter
IQ8+/ IQ8MC / IQ8AC / IQ8HC



2. IQ Gateway



4. 3-phase Q-relay



5. Q-cable

For prices and most recent availability go to the Libra Energy Webshop: [Enphase](#)

APsystems – Micro inverters and accessories



Article	Application	Remark	Stock
Micro inverters 1-Phase DS3 (2:1), DS3D (4:1) 3-Phase QT2 Series (4:1) 1-Phase Plug & Play APS-EZ1-M-EU			
1. Micro inverter	Device that converts direct current from the solar panel directly to alternating current.	Currently, the DS3-L is the standard. Output power 730VA. Max. Voc 60V, Imp 2x18A.	Shop
	Balcony/plug inverter 799VA (APS-EZ1-M-EU), can only be connected by means of separately available Powercord with Schuko plug (APS-EZ1-EU-Powercord)		Shop
AC-coupled inverter & battery			
ELS-5K	1-Phase 5kVA AC-coupled inverter for LV battery	For 1-Phase connection	Shop
ELT-12K-EU	3-Phase 12kVA AC Coupled Inverter for LV Battery	For 3-Phase connection	Shop
AMPACE	6.5kWh LV APbattery	For ELS-5K & ELT-12K	Shop
Communication and security			
2. ECU	Ensures communication between the microinverters (zigbee) and the router.	For up to 400 panels: ECU-R, standard; ECU-C, with metering For max. 4 panels: ECU-B	Shop
3. SIGNAL-BOOSTER	Signal amplifier for ECU to router (wifi) or to microphones (Zigbee)		On order
4. CT-80A (CT-200A)	Power coil	If 1-phase connection 2x coils required if 3-phase connection (3-phase PV), 6 coils required	Shop
Cable and connectors, 1-phase, for DS3 series micros, APS-Y3-AC-			
5. BUS-2 / BUS-4	1-phase cable to connect DS3 microinverters together	Different cables available	Shop
Y3-STANDALONE1M	1 meter cable with socket for one DS3(D) microinverter		Shop
6. MALE / FEMALE	Loose connectors to connect cables together	For example, to connect two rows together. Male and Female sold separately	Shop
7. CONN-CAP	Sealing cap for an unused Y-connector		Shop
8. BUS-ENDCAP	End cap for cable		Shop
9. UNLOCK-TOOL	Disconnect tool DS3 series micro from Y3 cable		Shop
Cable and connectors, 3-phase, for QT2 series micros, APS-5C-AC-			
10. BUS-2.4	3-phase cable to connect QT2 microinverters together		Shop
11. MALE / FEMALE	Loose connectors to connect cables together	For example, to connect two rows together. Male and Female sold separately	Shop
12. CONN-CAP	End cap for an unused 3-phase bus connector		Shop
13. BUS-ENDCAP	End cap for cable		Shop
DC plugs and cabling widely used in combination with Apsystems Micro inverters			
STA-PV-SVK4/ BVK4	Staubli sealing cap MC4 socket / plug	To cap an unused connection to a microinverter	Shop
APS-DC-EXT-CABLE-2M	DC Extension Cable 2 meters, assembled with Staubli MC4 M + F		Shop
ATH-ASS6-1M-DCA	DC Extension Cable 1 meter, assembled with Staubli MC4 M + F		Shop



1. Micro inverter DS3-L / DS3 / QT2 / EZ1-M



2. ECU-R / ECU-B



4. CT



5. Y3-AC-BUS cable



6. Y3 (fe)male



7. Y3 conn-cap



8. Y3 end cap



9. Y3 unlock tool

For prices and most recent availability go to the Libra Energy Webshop: [APsystems](#)

Inverter Accessories

Perspective on Q3 and Q4 2025

Product Management

Accessoires – Huawei Smart Module controllers (Optimizers)

Huawei Smart Module Controller for 1 panel*

HUA-SUN2000-450W-P2	02313TTE-004	Huawei Smart Module Controller SUN2000-450W-P2 max. 80V	Shop
HUA-SUN2000-600W-P	02313TTE-003	Huawei Smart Module Controller SUN2000-600W-P, max. 80V	Shop

Huawei Smart Module Controller for 2 panels*

HUA-MERC-1100W-PSIN	02314APY-001	Huawei Smart Module Controller MERC-1100W-P, max. 125V, IN 0.1M, OUT 5.1M/0.1M, MC4	On order
HUA-MERC-1100W-PLIN	02314AQB-001	Huawei Smart Module Controller MERC-1100W-P, max. 125V, IN 1.3M, OUT 2.9M/0.1M, MC4	On order
HUA-MERC-1300W-PSIN	02314APY	Huawei Smart Module Controller MERC-1300W-P, max. 125V, IN 0.1M, OUT 5.1M/0.1M, MC4	On order
HUA-MERC-1300W-PLIN	02314AQB	Huawei Smart Module Controller MERC-1300W-P, max. 125V, IN 1.3M, OUT 2.9M/0.1M, MC4	On order

Smart Module Controller*		Huawei inverters series					
	type	LB0 series	MAP0 series	(12-25)K-MB0	(12-25)KTL-M5 (EOL)	(30-40)KTL-M3	50KTL-M3
	SMC	1-Phase	3-Hyb Phase	3-Hyb Phase	3-Phase GC	3-Phase C&I	3-Phase C&I
HUA-SUN2000-450W-P2	1 : 1	✓	✓	✓	✓	✓	⊗
HUA-SUN2000-600W-P	1 : 1	✓	✓	✓	✓	✓	⊗
The Smart Module Controllers below for 2 panels on 1 and do not mix with the above Smart Module Controllers							
HUA-MERC-1100W-P	2 : 1	⊗	⊗	✓	✓	✓	✓
HUA-MERC-1300W-P	2 : 1	⊗	⊗	✓	✓	✓	✓

* Huawei Smart Module Controllers (Optimizers), only required for shaded panels. (Only) advantage with total optimized: shorter or longer string than not total optimized possible and low DC voltage protection.

* All Smart Module Controllers in one string must have the same orientation, even if fully optimized.

Accessories - Communication

APsystems, see also "APsystems micro inverters and accessories"			
ECU	Zigbee Energy Communication Unit for 400 panels – standard: ECU-R (WiFi/LAN), metered: ECU-C (WiFi/LAN), or for 4 panels: ECU-B (WiFi)	APsystems DS3 on QT2	Shop
SIGNAL-BOOSTER	Signal amplifier for ECU to router (wifi) or to microphones (Zigbee)		On order
EcoFlow, communication - and other accessories			
EF-PowerInsight-EU	EcoFlow PowerInsight, 10-inch Home Energy Monitor	For display PowerOcean and other compatible accessories	Shop
EF-4GDongle-EU	EcoFlow 4G Datalogging stick	Please note: exclusive mandatory subscription	Shop
EF-EFA-SmartPlug-EU	EcoFlow Smart (Matter) Plug EU, with EU socket		Shop
EF-EmergencyStop	EcoFlow Emergency Stop	Can be connected to PowerOcean inverters	Shop
Enphase, see also "Enphase micro inverters and accessories"			
ENP-CELLMODEM-02	CELLMODEM-02, Mobile Connect 4G-LTE-M module incl. 5 year dataplan for 60 micro's	IQ Gateway Standard, IQ Gateway Metered of IQ Combiner	Shop
ENP-ENV-S-EM-230	IQ Gateway Metered, Wifi/LAN, 2-coil communication module that collects data from all microinverters and transmits it to the Enlighten portal	Enphase IQ7 and IQ8 micro inverters, not in combination	Shop
ENP-ENV-S-WB-230	IQ Gateway Standard, Wifi/LAN, communication module that sends data from all micro inverters to the Enlighten portal	Enphase IQ7 and IQ8 micro inverters, not in combination	Shop
ENP-COMMS-KIT-EU-01	Enphase IQ Battery Communication kit (wireless)	Necessary for IQ Battery 3T or 10T (not for 5P)	Shop
ENP-COMMS-KIT-INT-02	Enphase IQ Battery Communication kit 2 (wired via special cable)	Necessary for IQ Battery 5P (not for 3T / 10T)	Shop
ENP-IQ-FERR	Enphase IQ divisible ferrite ring kit, 30/65 A, for data filtering at IQ Gateway	For IQ Gateway	Shop
Goodwe			
GW-GSM-4G	4G module (USB) with which you can connect the inverter to the internet using a SIM card (excl.)	Almost all Goodwe inverters	Shop
GW-DLS-COMBINED	Combined Wifi/LAN module. Suitable for all current inverters except HT series	Almost all Goodwe inverters	Shop
GW-WIFI-LAN-KIT-20	Gecombineerde USB Wifi/LAN/BT module. Only for: DNS G3 (DNS-30), SDT G3 (SDT-30), XS G3 (XS-30), ES G2 (ES-20), ET 15-30kW	Only for the latest series of inverters	Shop
GWEZLOGGER3000C	Advanced EZLogger 3000C for max. 100 C&I converters. 2x LAN, Wifi, RS485, Modbus, 4x DI, 2x DO, 4x AI. Embedded WEB	Check compatibility inverter and Smart Meter (e.g. GM330)	Shop
Huawei			
SDongleB-06-EU	Smart Dongle 4G-LTE with which you can use a sim card (excl.) max. 10 RS-485 devices can connect to the Internet	Huawei inverters	Shop
SDongleA-05	Smart Dongle WLAN-FE. Combined Wifi / FE (fast-ethernet) to max. 10 RS-485 devices to connect to the Internet	Huawei inverters	Shop
SLogger3000A-0x-EU	Smart Logger to control max. 80 RS-485 devices can be connected to the Internet via WLAN, FE, 4G-LTE (01-EU) or even Mbus PLC (03-EU)	Huawei inverters	Shop
SLogger3000B-02-EU	Smart Logger om max. 150 RS-485 apparaten te verbinden met internet middels WLAN, FE, Mbus PLC of Fiber optic	Huawei inverters	Shop
Solis			
Solis-S1-W4G-ST-4P(-5)	Wifi en/of 4G/LTE 4Pin datalogging stick excl. dataplan. (Solis-S1-W4G-ST-4P-5 incl. 5 year dataplan)	Solis inverters with 4Pin connection	Shop
Solis-S1-W4G-ST-USB(-5)	Wifi en/of 4G/LTE USB datalogging stick excl. dataplan. (Solis-S1-W4G-ST-USB-5 incl. 5 year dataplan)	Solis inverters with USB (EA1P / EA3P / S6-EH3P)	On order
Solis-S5-WIFI-ST-4P	Solis Accessory S5-WIFI-ST-4Pin, Wifi 2.4Ghz to 5Ghz Datalogging stick	Solis inverters with 4Pin connection	Shop
Solis-S2-RF-ST-4P (/ -USB)	RF module that allows you to connect to router and inverter on radio frequency	Solis inverters with 4P or USB for EAxP / S6-EH3P	On order
Solis-S2-WL-ST	Combined 4Pin Wifi/LAN module	Solis inverters with 4Pin connection	Shop
Solis-RS485-ComPlugs	Pack of 5 pieces of 4Pin RS485 connectors (without cable)	Solis inverters with 4Pin connection	Shop
Solis-5-IN-1-RS485	5-IN-1 RS485 Cable for max. 5 4Pin converters on 1 4Pin communication stick or EPM3	Solis inverters with 4Pin connection	Shop
Solis-USB24P-adapter	Adapter to connect 4Pin data logging stick to S6-EH3P, EA1P or EA3P battery-ready inverter with USB	Solis inverters with USB connection	Shop

Accessories – energy meters for power limitation inverters*

APsystems, see APsystems micro inverters and accessories

EcoFlow

EF-EFA-ADL200N-CT	EcoFlow Energy Meter, 1-Phase, including 1x 120A CT	For 1-Phase inverter	Shop
EC-EFA YDM201D	EcoFlow Energy Meter, 1-Phase, direct (inline), 80A	For 1-Phase inverter	Shop
EF-EFA-ADL400-CT	EcoFlow Energy Meter, 3-Phase, direct (inline), 3x 80A	Can only be used for 3-phase inverters	Shop
EF-EFA-ADL400N-CT	EcoFlow Energy Meter, 3-Phase, including 3x 80A CTs	Can only be used for 3-phase inverters	Shop
EF-EFA-ADL400N-CTD16	EcoFlow Energy Meter, 3-Phase, including 3x 120A CTs	Can only be used for 3-phase inverters	Shop
EF-EFA-ADL400NCT200A	EcoFlow Energy Meter, 3-Phase, including 3x 200A CTs	Can only be used for 3-phase inverters	Shop

Enphase, see Enphase micro inverters and accessories

GoodWe

CT90	GoodWe 90A measuring coil (CT) with 5 meter cable	For location with 1 inverter type: XS-11 / XS-30 / DNS-30	On order
GM3000	GoodWe 3-Phase energy meter incl. 3x 120A measuring coils (CTs)	For location with 1 inverter type 1-Phase or type: KT-DT/SDT-20/KS-MT	Shop
GM330 / GM3000C	GoodWe 3-Phase energy meter, excl. Measuring coils (CTs) secundair 5A	For location with 1 inverter	Shop
SEC1000	GoodWe Smart Energy Controller, excl. current transformers (CT's) secundair 5A	For multiple, non-hybrid inverters	Shop
SEC1000S	GoodWe Smart Energy Controller for (5-10)KN-ET, excl. current transformers (CT's) secundair 5A	For max. 10 hybrid inverters, type: GW(5-10)K(N)-ET	Shop
EZLINK3000	GoodWe communication stick for master & slave solution for max. 4x GW(15-29.9)K-ET inverters	To be used with inverter supplied meter or GM330 and 3xCT	Shop

Huawei

SmartPS-100A-1P	Huawei 1-Phase energy meter incl. 100A current transformer (CT)	For 1-Phase location and measurement of ≤100A	Shop
EMMA-A02	Huawei 3-Phase inline energy meter and smart energy control (Energy Management Assistant)	For 1- or 3-Phase location and measurement of 1x ≤63A or 3x ≤63A	Shop
SmartPS-80AI-T0	Huawei 3-Phase inline energy meter	For 3-Phase location and measurement of 3x ≤80A	Shop
SmartPS-100A-S0	Huawei 3-Phase energy meter incl. 3x 100A current transformers (CT's)	For 3-Phase location and measurement of 3x ≤100A	Shop
SmartPS-250A-S0	Huawei 3-Phase energy meter incl. 3x 250A current transformers (CT's)	For 3-Phase location and measurement of 3x ≤250A	Shop
SmartGuard-63AS0	Huawei SmartGuard-63A-S0; for backup and non-backup groups. Incl EMMA-A02 and Wifi/FE	For 1-Phase with 1 inverter	Shop
SmartGuard-63ATO	Huawei SmartGuard-63A-T0; for backup and non-backup groups. Incl EMMA-A02 and Wifi/FE	For 3-Phase with 1-Phase backup with MB0 & M1. For 3-Phase backup with MAP0	Shop

Solis

1P-Meter	Solis 1-Phase inline Acrel DDS1352-INL energy meter	For 1-Phase location and measurement of ≤60A	Shop
3P Meter	Solis 3-Phase inline Acrel DTSD1352-INL energy meter	For 3-Phase location and measurement of 3x ≤80A	Shop
3P-Meter-CT-3	Solis 3-Phase Acrel DTSD1352-EXT energy meter incl. 3x 150A current transformers (CT's)	For 3-Phase location and measurement of 3x ≤150A	Shop
EPM3-5G+	Solis Export Power manager Plus, excl. current transformers (CT's) secundair 5A	For multiple, non-hybrid inverters	Shop
EPM3-5G-PRO	Solis Export Power manager Pro, excl. communication stick en excl. current transformers (CT's) secundair 5A	For multiple, non-hybrid inverters	Shop
RHI-Meter-3P	Solis Easton SDM630MCT energy meter for 1-Phase EH1P or EA1P inverter and measurement 3-Phase	For 1-phase hybrid or AC-coupled inverters	Shop
Solis-3P-Meter-EA-V2	Solis Easton-V2 energy meter incl. 3x 300A current transformers (CT's) secundair 5A	For 1 to 6 EH3P/EA3P series hybrid 3-Phase inverters and measurement of 3x300A	On order

Tesla

TES-BACKUP-GATEWAY	Tesla Accessoire Backup Gateway 2.1, energy meter X 1-Phase 100A of 3-Phase 80A + 1x Solar-CT-100A	Necessary for measuring house connection in combination with. Powerwall 3	Shop
TES-Solar-CT-100A	Tesla Accessory split-core measuring coil (CT) 100A, to be used with Backup Gateway 2.1	For separate measurement of multiple phases (always with Backup Gateway)	Shop
C-TES-TRM-3-200A	Composition Tesla Remote Meter Kit incl. 3x 200A CTs, WIFI and antenna	For energy measurement 100—200A (always in combination with Backup Gateway)	Shop
TES-CT-200A-EXT3.5	Tesla Accessory 3.5m CT extension cable for split-core measuring coil (CT) 200A	To extend cabling of the 200A measuring coil (use max. 2)	Shop
TEST-TRM-HARNESS	Tesla Accessory RS485 plug with 1.2m cable for Tesla Remote Meter X (RS485 Harness)	If TRM Kit is going to be connected via RS485 (possibly extendable)	Shop

*Energy meters for power limitation only. For 24/7 monitoring and/or power limiting leaflet, please contact us

Product key	Definition	Remark	Shop
BLI-EMS-2.0	Bliq Energy Manager V2.0 EMS, incl. P1 cable	Hardware for Bliq energy management	Shop
BLI-EMS-1.0	Bliq Energy Manager V1.0 EMS, incl. P1 cable	Old variant, niche to use	Shop
BLI-EMS-ACC-P1S4	Bliq Accessory P1 port splitter, 4 port, active	Splitter for P1 port, with 4 outputs	Shop
BLI-EMS-ACC-P1S2	Bliq Accessory P1 port splitter, 2 port, active	Splitter for P1 port, with 2 outputs	Shop
BLI-EMS-ACC-KM3DM	Bliq Accessory Energy Meter, BMM3100DM-MID, 3-Phase, direct (inline) kWh meter	Energy meter for Bliq, 3-phase	Shop
BLI-EMS-ACC-KM1DM	Bliq Accessory Energy Meter, BMM145DM-MID, 1-Phase, direct (inline) kWh meter	Energy meter for Bliq, 1-phase	Shop
BLI-EMS-ACC-RS002	Bliq adapter cableSolis RHI Accessory in S5-EH (GX16-4 <>RS485)	Adapter cable for certain inverters	Shop
BLI-INV-ACC-ATS-4P	Bliq Accessory ATS emergency power switch 4P, 3-Phase, 63A, 230V	Universal emergency power switch for 3-phase	Shop
BLI-INV-ACC-ATS-2P	Bliq Accessory ATS emergency power switch 2P, 1-Phase, 63A, 230V	Universal emergency power switch for 1-phase	Shop

bliq



						
LR-840-2120	LR-840-2124	LR-840-2110	LR-840-2114	LR-103-1046	LR-800-2324	LR-104-1033
Wireless modbus DIN – 1 device	Wireless modbus DIN – 4 apparaten	Wireless modbus wall mount – 1 apparaat	Wireless modbus wall mount – 4 apparaten	PSU (power supply unit) DIN-formaat	Kit for outdoor installation (incl. PSU)	Antenna for better range
Standard DIN unit, for wireless modbus communication	Has 4 connections for devices	Standard WALL unit, for wireless modbus communication	Has 4 connections for devices	The DIN and WALL need to be fed, this power supply is suitable	Kit for outdoor installation, including PSU and antenna	Antenna for better range
Shop	Shop	Shop	Shop	Shop	Shop	Shop

EV-Chargers

Perspective on Q3 and Q4 2025

Product Management

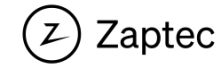
AC chargers business



	Alfen			Peblar	Zaptec
					
Series	Alfen double pro-line	Alfen single pro-line	Alfen Twin	Peblar Business	Zaptec Pro
Up to 22 kW	✓	✓	✓	✓	✓
Cable or socket	Socket	Both	Socket	Both	Socket Cable lock function
Cable length	-	5 or 7.5 meter	-	5 or 7.5 meters	-
RFID	✓	✓	✓	✓	✓
Backoffice	OCPP / E-Flux (optional)	OCPP / E-Flux (optional)	OCPP / E-Flux (optional)	OCPP / E-Flux (optional)	OCPP / E-Flux (optional)
Load balancing	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	✓
• Energy meter	✓	✓	✓	✓	✓
• Charging plaza	✓	✓	✓	✓	✓
Connectivity	GPRS/UTP	GPRS/UTP	GPRS/UTP	Wifi / UTP	Wifi/GPRS/PLC
Charging from PV	-	-	-	✓	-
Color	White / Grey	White / Grey	Grey / Custom	Grey	Black
Stock / price	Shop	Shop	Shop	Shop	Shop

For prices and most recent availability go to the Libra Energy Webshop: [Libra Energy - Charging stations](#)

AC charger home (1)



	Alfen	Wallbox		Zaptec		Peblar
						
Series	Alfen single S-line	Wallbox Pulsar Max	Wallbox Pulsar Pro	Zaptec Go	Zaptec Go 2	Peblar Home
Up to 22 kW	Max 11 kW	✓	✓	✓	✓	Max 11 kW
Cable or socket	Both	Both	Both	Socket Cable lock function	Socket Cable lock function	Cable
Cable length	5 of 7.5 meters	5 of 7 meters	5 of 7 meters	-	-	5 of 7.5 meters
RFID	✓	-	✓	✓	✓	✓
Backoffice	OCPP / E-Flux (optional)	Wallbox / OCPP / E-Flux (optional)	Wallbox / OCPP / E-Flux (optional)	OCPP / E-Flux (optional)	OCPP / E-Flux (optional)	OCPP
Load balancing	✓	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	✓	✓
• Energy meter	✓	✓	✓	✓	✓	✓
• Charging plaza	✓	Soon	✓	✓	✓	✓
Connectivity	UTP	Wifi	Wifi / 4G	Wifi / GPRS / UTP	Wifi / GPRS / UTP	Wifi / UTP
Charging from PV	✓	✓	✓	-	✓	✓
Color	White / Grey	Black	Black	Black / White / Grey / Green / Blue / Brown	Black / White / Grey / Green / Blue / Brown	Grey
Stock	Shop	Shop	Shop	Shop	Shop	Shop

AC chargers home (2)

GOODWE
Smart Energy Innovator

 **HUAWEI**

 **ENPHASE**

ECOFLOW

	GoodWe	Huawei	Enphase	Ecoflow
				
Series	GoodWe HCA series (will be replaced HCA 2)	Huawei SCharger	Enphase EV Charger	Ecoflow Power Pulse 2
Up to 22 kW	✓	✓	✓	✓
Cable or socket	Cable	Socket	Both	Socket
Cable length	6 meters	-	7.5 meters	-
RFID	-	✓	✓	
Backoffice	GOODWE	OCPP	Enphase / OCPP	OCPP
Load balancing	✓	✓	✓	✓
• P1 smart meter	-	-	✓	✓
• Energy meter	✓	✓	✓	✓
• Charging plaza	-	-	✓	-
Connectivity	Wifi	Wi-Fi / UTP	Wi-Fi / 4G / UTP	Wi-Fi / UTP
Charging from PV	✓	✓	✓	✓
Color	Silver	White	Grey	Grey
Stock	Shop	Shop	Shop	Shop

DC chargers



	ABB	
		
Series	ABB Terra CE	ABB Terra DC Wallbox CE
Max kW	54 kW, 124kW, 184kW	24kW
Cable	Cable (CCS2/Chademo/Type2)	Cable (CCS2)
Cable length	2 x 3,9 meters or 3 x 3.9 meters	3.9 meters
RFID	✓	✓
Backoffice	OCPP	OCPP
Connectivity	UTP / GSM (3G, 4G)	UTP / GSM (3G, 4G)
Stock	Shop	Shop

For prices and most recent availability go to the Libra Energy Webshop: [Libra Energy - Charging stations](#)

Charging stations – Accessories

Article	Application	Note/Compatibility	Stock
Alfen			
Carlo Gavazzi Energy Meter	For load balancing	CG coils 250-400/5A	Shop
Wallbox			
Cable holder black	To hang cable	Wallbox chargers	Shop
Cable dock black	Gun holder + cable holder in 1	Wallbox charging stations T2 plug	Shop
Energy meter 3-phase	For load balancing		Shop
P1 solution	For load balancing via smart meter	Wallbox charging stations and smart meters	Shop
Zaptec			
Tibber Pulse	For load balancing residential	Zaptec Go and Pro	Shop
Zaptec Chill	Cable holder	Zaptec Go and Pro	Shop
Zaptec P1 bundle	For load balancing	Zaptec Go and Pro	Shop
Onepole Mounting Pole	Double-sided, daisy-chaining possible.	All chargers	Shop
Mounting poles			
Universal onepole montagepaal	Single-sided or double-sided	Alfen, Wallbox, Zaptec	Shop
Mounting plate	Various plates for different charging stations	Alfen, Wallbox, Zaptec	Shop
Plastic Mounting Pole	Single-sided or double-sided	Universal	Shop
CED-P1	P1 Load Balancing Extension Module	Universal	Shop
Backoffice			
E-flux by Road	Back-office settlement system	Alfen, Wallbox, Zaptec	
XEMEX			
P1MB	P1 to ModBus module		Shop
CSMB	Current sense to Modbus Module		Shop



For the latest availability go to the Libra Energy Webshop:
[Libra Energy - Accessories](#)