

Libra Energy - ROADMAP Inverters, Storage, Mounting Materials and EV

Perspective on Q1 and Q2 2024

Product Management

Check if products and/or combinations are permitted
in – and certified for - the country of installation.

November 2023 (Next update: Januari 2023)

Changes in the Productportfolio of Libra Energy (1)

Inverters	When
SolarEdge	
SolarEdge S600A Optimizer is expected	H1 2024
SolarEdge S1400 Optimizer is expected	Q1 2024
SolarEdge Home Smart Energy Management Devices with Home Network. Can't be mixed with Zigbee Devices . The Inverter also needs to have Home Network. Home Load Controller (SEM-DCS-R08-00) / Home Smart Switch (SEM-SWT-R16-00) / Home Smart Socket DE, NL, ES, PT (SEM-SKT-F13-00)	Q1 2024
SE1000-WIFI01 wifi-kit for SolarEdge Inverters with display	Expiring
Enphase	
Enphase IQ8HC, 380VA micro-inverter	Q4 2023 / Q1 2024
Enphase IQ Combinerbox 3P (X-IQ-EURO-2303P41) AC sub-distribution box for in total 2 PV- or Storage Circuits (each max. 16A)	Q4 2023 / Q1 2024
Enphase ENP-COMMS-24EXTINT01 Zigbee range extender is end-of-life. Information on Enphase website	Expired
Solis	
C&I High Voltage Inverter: Solis-255K-EHV-5G 800V Inverter with 14 trackers	On Request
S1-W4G-ST 4G communication-stick, replaces Solis-S3-GPRS-ST (2G)	Q4 2023
GoodWe	
GW110K-HT-AFCI Inverter with 12 trackers	On Request
GW120K-HT-AFCI Inverter with 12 trackers	On Request
GW50K-ETC hybrid Inverter / GW50K-BTC ac-retrofit Inverter	On Request
C&I High Voltage Inverter: GW250K-HT 800V Inverter with 12 trackers	On Request
GW-CT90-5 Core Current Transformer for Powerlimiting of one Monophase GoodWe DNS or XS model Inverter	On Request
GW-GM330 Smart meter for Powerlimiting of one 3-phase Inverter of the type: AC-gekoppeld, Hybride, MT, SMT, SDT. Exclusief CT's secundair 5A	Q1 2024

Changes in the Productportfolio of Libra Energy (2)

Storage	When
Solis Hybrids 3-phase inverters RHI series will be replaced by S6-EH3P series	Q1 2024
Pylontech H2 (HV) and US5000 (LV) batteries	Immediately
GoodWe LX-C batterijsets for GW50K-(E/B)TC: LX-C101-10 (101kWh) / LX-C120-10 (120kWh) / LX-C138-10 (138kWh) / LX-C156-10 (156kWh)	On Request
EV	When
Quasar 2 with bi-directional charging with CCS2 expected	H1 2024
Wallbox Pulsar Pro	Immediately
Onepole mounting pole for Zaptec Pro	Immediately
Accessories	When
AC materials: Earth leakage circuit breaker, YMKV cable, Power circuit-breaker	Q4 2023
Mounting Materials	When
Flatfix Fusion Portrait	Immediately
Clickfit EVO Slate Roof	Immediately

Inverters

Perspective on Q1 and Q2 2024

Product Management

SolarEdge – Inverters



	Residential			Commercial	Commercial, also for 2:1 optimizers	
						
Series	SExxxxH-RW000BxN4	SExK-RWBTEBEN4 (short string)	SExK-RW0TEBEN4 SE12.5K-RW0T0BxN4	SE16K-RW0T0BNN4 SE17K-RW0T0BNN4	SExxK-RW00IBNM4	SExxK-RW00IBNQ4 SESUK-RWR0INNN4
Phase	1-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase
Power	2.2/3/3,5/3,68/4/ 5/6kW	3/4/5kW	4/5/6/7/8/9/10kW 12.5kW	16/17kW	20/25/30/33,3kW	66/90/100kW
Comment	SolarEdge Home Battery 400V ready	Min. of 8 PV Modules possible and SolarEdge Home Batterij 400V ready*				Synergymanager and secondary units
Stock	shop	shop	shop / SE12.5K	SE16K / SE17K	shop	shop

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

SolarEdge – Optimizers



Optimizer	Max. Wp	Max. Voc	Max. Isc	Comment	Stock
Residential					
S440	440	60	14,5	"standard" Optimizer for PV Modules up to and including 500Wp	✓✓✓
S500	500	60	15	Optimizer for PV Modules up to and including 500Wp	✓
S500B	500	125	15	Optimizer for PV Modules up to and including 500Wp, Short String	✓
S650B	650	85	15	Optimizer for PV Modules up to and including 650Wp (and for Short String)	✓
Commercial, starting at SE20K					
S1000 (2:1)	1000	125	15	For Two PV Modules up to and including 500Wp series connected	✓✓
S1200 (2:1)	1200	125	15	For Two PV Modules up to and including 600Wp series connected	✓✓✓



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

Solis – Inverters



	Residential			Commercial				Utility
								
Serie	Solis-mini-xxxx-S6	Solis-xxK-S6	Solis-xK-S5-3P	Solis-xxK-S5	Solis-xxK-S5 Solis-xxK-5G-DC	Solis-xxK-S5	Solis-xxK-5G-PRO	Solis-255K-EHV-5G
Phase	Single Phase	Single Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase 800V
Power	0,7/1/1,5/2/ 2,5/3/3,6kW	2,5/3/3,6/4/5kW	3/4/5/6/8kW	10/12/15/20kW	25/30/33/36/40kW	50/60kW	80/100/110kW	255kW
No. MPPT	1 MPPT	2 MPPT's	2 MPPT's	2 MPPT's	3/4 MPPT's	5/6 MPPT's	6/8 MPPT's	14 MPPT's
Comment	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI
Stock	shop	shop	shop	shop	shop	shop	shop	On Request

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

GoodWe – Inverters

GOODWE



	Residential			Commercial					Utility
									
Series	GWxxxx-XS-11	GWxxxx-DNS-30	GWxxxx-SDT-20-WIFI	GWxxK-SDT-20-RS485	GWxxK-MT-RS485	GWxxKS-MT-AFCI	GW80K-MT-RS485	GWxxxK-HT	GW250K-HT
Phase	Single Phase	Single Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-fase 800V
Power	0,7/1/1,5/2/2,5/3kW	3/3,6/4,2/5kW	4/5/6/8kW	10/12/15/17/20kW	25/30/36kW	50/60kW	80kW	100/120/136kW	250kW
No. MPPT	1 MPPT	2 MPPT's	2 MPPT's	2 MPPT's	3 MPPT's	5/6 MPPT's	4 MPPT's	10/12 MPPT's	12 MPPT's
Comment						With AFCI	With AFCI	136k on 480V	800V
Communication module	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED
Stock	shop	shop	shop	shop	shop	shop	shop	shop	On Request

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

Product	Application	Comment	Stock
Micro Inverter			
1. Micro Inverter	Inverts directly from PV Module DC Voltage to AC grid Voltage	Currently the IQxPlus is the default. Max. Voc 60V, Imp 12A.	Shop
Energy Controllers for EV-Charging and heatpump			
HEMS-GW-01	IQ Energy Router	Only for Germany	Shop
HEMS-HP-01	IQ Energy Router + Kit Assembly	Only for Germany	Shop
Communication and Protection			
2. IQ Gateway	For Communication between Inverters and the Router	Standard or Metered. Were named Envoy before	Shop
3. CT split-core	Core Current	For 3-Phase Grid Location, two CT's extra needed. For 3-Phase Grid Location and 3-Phase PV-set, 4 CT's extra needed.	Shop
4. Q-relay	Protection. Has to be placed with every Installation.	Available as Single Phase - and as 3-Phase model. 3-Phase model is also for communication of Inverters on different Phases.	Shop
Cable and Connectors			
5. Q-Cable	Cable to connect Enphase micro-inverters	Different Cables available	Shop
6. Q-Connector	Individual Connectors to connect Q-Cable	E.g. to connect to rows of Micro's. Male and Female separately packed per 10.	Shop
7. Q-Seal	Sealing Cap for Male Connector		Shop
8. Q-Term	Endcap for Q-cable	To make open End of Q-Cable watertight	Shop
Miscellaneous			
9. Q-Disc	Unlock tool for Q-Cable / Micro-Inverter		Shop
10. comms-kit	IQ Battery communication kit	Necessary for communication between battery and IQ Gateway Metered	Shop
11. Combinerbox	IQ Combinerbox 3P (X-IQ-EURO2303P41)	AC sub-distribution box for in total 2 PV- or Storage Circuits (each max. 16A)	Shop



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



2. IQ Gateway



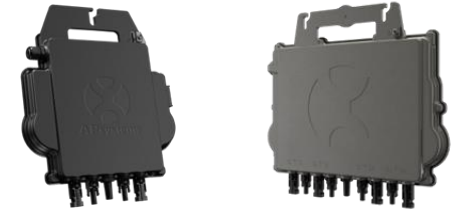
4. Q-relay 3-Phase



5. Q-cable

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

Product	Application	Comment	Stock
Micro inverter Single Phase DS3 series (2 : 1), 3-Phase QT2 series (4:1)			
1. Micro Inverter	Inverts directly from PV Module DC Voltage to AC grid Voltage	Currently the DS3-L is the default. Outputpower 730VA. Max. Voc 60V, Imp 2x18A.	shop
AC-coupled inverter & battery			
ELK-5K	5000VA AC-coupled inverter for LV battery	For 1-phase connection	
AMPACE	6.5kWh LV APbattery		
Communication and Safety			
2. ECU	For communication between micro-inverters and the router (Zigbee)	For max. 400 PV Modules: ECU-R, standard; ECU-C, metered For max. 4 PV Modules: ECU-B	shop
3. CT-80A (CT-200A)	Core Current Transformer	If Single Phase Grid location: Two CT's needed. If 3-Phase Location (and Micro's on 3-Phase): 6 CT's needed.	shop
Cable and Connectors, Single Phase, for DS3 series micro's, APS-Y3-AC-			
4. BUS-2 / BUS-4	Single Phase Cable to connect DS3 series Micro-inverters with each other	Cables with different distance between Connectors available	shop
5. MALE / FEMALE	Connectors to connect APS bus cable (Y3-AC-BUS-2 / -4)	E.g. to connect two rows Micro's on a flat Roof. Male and Female separate available.	shop
6. CONN-CAP	Sealing Cap for unused Y-connector		shop
7. BUS-ENDCAP	Endcap for Y3-cable		shop
8. UNLOCK-TOOL	Tool to disconnect DS3 series Micro from Y3-cable		shop
Cable and Connectors, 3-Phase, for QT2 series micro's, APS-5C-AC-			
9. BUS-2.4	3-Phase Cable to connect QT2 Micro-inverters with each other		shop
10. MALE / FEMALE	Connectors to connect APS Bus cable (5C-AC-BUS-2.4)	E.g. to connect two rows Micro's on a flat Roof. Male and Female separate available.	shop
11. CONN-CAP	Sealing Cap for unused Bus connector		shop
12. BUS-ENDCAP	Endcap for 5C-cable		shop



1. Micro Inverter DS3-L / DS3 / QT2



2. ECU-R / ECU-B



3. CT



4. Y3-AC-BUS cable



5. Y3 (fe)male



6. Y3 conn-cap



7. Y3 endcap



8. Y3 unlock tool

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

Accessoires - Communication

Inverter Accessoires	Application	Compatible with
SolarEdge		
SE-ANT-ZBWIFI-KIT	Wifi antenna	For all SolarEdge Inverters, except Synergy
SE1000-WIFI01	Wifi kit	For SolarEdge Inverters with display
SE-WFGW-B-S1-RW	Wireless Gateway, Communication-module establishing a closed network between inverter and router. Max. 8 inverters supported.	All SolarEdge SetApp Inverters
SE-WFRPT-B-S1-RW	Repeater for Wireless Gateway	SE-WFGW-B-S1-RW
SE-ANT-ENET-HB-01	SolarEdge Accessorie External Antenna for INLINE meter to amplify the signal	INLINE Meter
SE-BI-NEUNU3P-01	Home Backup Interface for 3-Phase Home Hub Inverter, with built-in INLINE meter	SolarEdge Home Hub Inverters
Goodwe		
GW-DLS-COMBINED	Combined Wifi / LAN module. Suitable for all recent Inverters except for HT-serie Ook te gebruiken i.p.v. GW-DLS-WIFI (G2) / GWLANMODULE (G2)	Almost all Goodwe Inverters
GW-GSM-4G	4G Module: For connection with the Internet via 4G / LTE. SIMcard excluded.	Almost all Goodwe Inverters
GWEZLINK3000	Smart dongle, for monitoring 3x Single Phase Hybrid Inverters in parallel	Goodwe -ES-20 series Inverters
Solis		
Solis-S3-WIFI-ST	Wifi module for Communication between Inverter and Router	All Solis Inverters
(Solis-DLS-E)	LAN module for Communication between Inverter and Router	All Solis Inverters
Solis-DLD-RF-LINK	RF module, to make a closed Network-Connection between Inverter and Router via RF	All Solis Inverters
Solis-S3-GPRS-ST	GPRS module: For Connection with the Internet via GPRS. SIMcard excluded.	All Solis Inverters
Solis-S2-WL-ST	Combined Wifi / LAN module	All Solis Inverters
S1-W4G-ST	4G module: For Connection with the Internet via 4G	All Solis Inverters
Enphase		
ENP-ENV-S-EM-230	IQ Gateway Metered, Communication-module with Two CT's in the box, which collects data from all micro's and transmits them to the Enlighten Portal	All Enphase IQ7 and IQ8 Micro Inverters, but not combined.
ENP-ENV-S-WB-230	IQ Gateway Standard: Communication-module which collects data from all micro's and transmits them to the Enlighten Portal	All Enphase IQ7 and IQ8 Micro Inverters, but not combined.
ENP-COMMS-KIT-EU-01	Enphase IQ Battery Communication Kit	Necessary for communication between battery and IQ Gateway Metered

Storage

Perspective on Q1 and Q2 2024

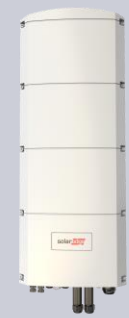
Product Management

Storage – Hybrid Inverters

solaredge

GOODWE

 **solis**

	SolarEdge		GoodWe				Solis	
								
Series	Home Wave	3-phase StorEdge / Home Hub	N-EH-serie	ES-20 serie	ET-serie	50K-ETC	RHI / EH1P	RHI HVES
Code	SExxxxH-RW000Bxxx	SExxK-RWx48BxN4	GWxxxxN-EH	ES-20 series	GWxxK(N)-ET-BackupSPD2	GW50K-ETC	Solis-RHI-6K-48ES-5G Solis-S5-EH1PxxK-L	Solis-RHI-3PxxK-HVES-5G-DC
Phase	1-phase	3-phase	1-phase	1-phase	3-phase	3-phase	1-phase	3-phase
Power	2.2/3/3,5/3,68/4/5/6kW	5/7/8/10 kW	3,6/5 kW	3/3,6/5 kW	5/6.5/8/10 kW 15/20/25/29.9 kW	50 kW	3/3,6/4,6/5/6 kW	5/6/8/10 kW
Compatible battery	SE 400V	SE 48V	HV	LV	HV	HV	LV	HV

For battery compatibility, see [Storage packages 2023 pdf](#)

For prices and most recent availability, go to the Libra Energy webshop: [Storage Inverters](#)

Storage – AC-retrofit Inverters

GOODWE

 **solis**

 **APsystems**
ALTENERGY POWER

	Goodwe AC-retrofit				Solis AC-retrofit	APsystems AC-retrofit
						
Series	BH-serie	S-BP-20 serie	BT(C)-serie	BT(C)-serie	RAI	ELS-5K
Code	GWxxxx-BH	GWxxxxS-BP-20	GWxxK-BT	GW50K-BTC	Solis-RAI-3K-48ES-5G	APS-ELS-5K
Phase	1-phase	1-phase	3-phase	3-phase	1-phase	1-phase
Power	3,6/5 kW	3,6/5 kW	5/8/10 kW	50 kW	3 kW	5 kW
Compatible battery	HV	LV	HV	Lynx C series	LV	LV

For battery compatibility, see [Storage packages 2023 pdf](#)

For prices and most recent availability, go to the Libra Energy webshop: [Storage Inverters](#)

Storage – Batterijen HV



	BYD		Pylontech	GoodWe	
					
Series	BYD Battery-Box Premium HVS	BYD Battery-BOX Premium HVM	Force H2	Lynx Home F-serie	Lynx C-serie
Usable capacity	5,1/7,7/10,2 kWh	8,3/11/13,8/ 16,6/19,3/22,1 kWh	7,1 – 14,2 kWh	6,6/9,8/13/16 kWh	101 / 120 / 138 / 156 kWh
HV/LV	HV-battery	HV-battery	HV-battery	HV-battery	HV-battery
Comment	Stackable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable Compatible with GW EH-, BH-, ET- and BT-serie	Cabinet with PCU and 9.21kWh units, Compatible with GW50K-ETC hybrid and GW50k-BTC AC-retrofit

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries HV](#)

Storage – Batterijen LV



GOODWE



	Pylontech		BYD	Goodwe	APsystems
					
Series	US5000	Force L1	BYD Battery-Box Premium LVS	Lynx Home U-serie	Ampace 6.5KWh
Usable capacity	4,8 kWh	7,1 - 24,86 kWh	4/8/12 kWh	4,8 kWh	6,0 kWh
HV/LV	LV-battery	LV-battery	LV-battery	LV-battery	LV-battery
Comment	Rackmountable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable	Compatible with: GW EM- , ES- and S-BP- series	Compatible with: APsystems ELS-5K

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries LV](#)

Storage – Batteries

solaredge

ENPHASE

	SolarEdge		Enphase	
				
Series	SolarEdge Home Batterij 48V	SolarEdge Home Batterij 400V	IQ battery-3T	IQ battery-10T
Usable capacity	4,6/9,2/13,8/18,4/23kWh	10kWh (max. 3x per omvormer)	3,5kWh	10,5kWh
HV/LV/AC	LV-battery	HV-battery	AC-battery	AC-battery
Comment	Compatible with 3-phase Storedge and Home Hub (except Shortstring inverter)	Compatible with HD Wave, Home Wave and Shortstring inverter*	Only for Belgium, Germany and the Netherlands	Only for Belgium, Germany and the Netherlands

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries](#)

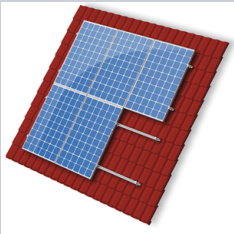
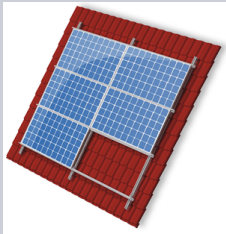
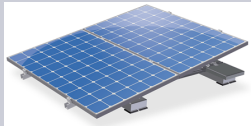
*Awaiting Firmware update

Mounting Materials

Perspective on Q1 and Q2 2024

Product Management



	Pitched roof		Flat roof			
						
Series	ValkPitched – Clamp	ValkPitched – Insert	Valk Pro+ South	Valk Pro+ East/West	Solar ramp	ValkBox3
Roof type	Roof tiles/ Corrugated/ Standing seam/ Slated roof/ Steel/ Tarmac EPDM/ PVC	Roof tiles/ Standing seam/ Corrugated/ Tarmac/ EPDM/ PVC	10 degrees	10 degrees	Double/ Triple/ Quattro	1 solo solar module
Layout	Portrait or landscape	Portrait or landscape	Portrait or landscape	Portrait or landscape	Landscape	Landscape
Stock	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓

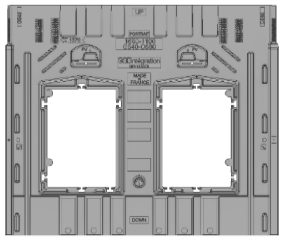
For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

	Pitched roof		Flat roof
			
Series	ClickFit Basic	ClickFit EVO	FlatFix Fusion
Roof tyoe	Roof tiles/ Corrugated/ Standing seam/ Slated roof/ Steel/ Tarmac	Pannen/ Golfplaten/ Staaldak/ Bitumen / Tarmac	South or East/West
Layout	Portrait or landscape	Portrait or landscape	Landscape / Portrait
Stock	✓	✓✓✓	✓✓✓

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

GSE in dak systeem

GSE Intégration

Portrait 2022		Portrait 2020		Landscape	
					
Article code	Panel sizes	Article code	Panel sizes	Article code	Panel sizes
GSE-ART105155	H: 1610-1800 W: 1095-1100	GSE-PORTRAIT10	H: 1670-1780 W: 995-1000	GSE-LANDSCAPE10	H: 980-1060 W: 1685-1690
GSE-ART105162	H: 1610-1800 W: 1130-1135	GSE-PORTRAIT14	H: 1670-1780 W: 1025-1030	GSE-LANDSCAPE19	H: 980-1120 W: 1690-1695
GSE-ART105197	H: 1800-1990 W: 1025-1030	GSE-PORTRAIT14.5	H: 1670-1780 W: 1035-1040	GSE-LANDSCAPE22	H: 980-1120 W: 1715-1720
GSE-ART105211	H: 1800-1990 W: 1130-1135	GSE-PORTRAIT17	H: 1670-1780 W: 1050-1055		

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

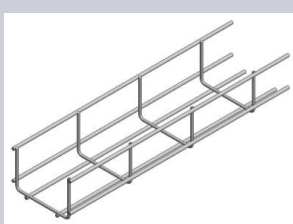
Cable management

Perspective on Q1 and Q2 2024

Product Management

Cable management



	Packages	Conduct loose trays	PVX Multimount	PVX Minimount	ValkCableCare
					
Cable trays	35x30 = 3 meter 65x60 65x100	65x60 65x100 65x150 65x400 65x500 65x600	Compatible	Compatible	60x50 60x100 60x200
Length	4x3= 12 meters	3 meters	Nvt	Nvt	3 meters
Material	EZ1000	EZ1000	HDPE	HDPE	Hot-dip galvanized
Base	✓	Conduct / PVX	✓	✓	✓
Lid	Optional	✓	Non applicable	Non applicable	✓
Lid connection	Optional	✓	Non applicable	Non applicable	✓
Quick connection	✓	✓	Non applicable	Non applicable	✓
Coupling clamp	✓	✓	Non applicable	Non applicable	✓
Partition	Optional	✓	Non applicable	Non applicable	✓

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/accessoires/kabelmanagement>

Chargers

Perspective on Q1 and Q2 2024

Product Management

AC-chargers business

	Alfen			Wallbox	EVBox	Zaptec
						
Series	Alfen double pro-line	Alfen single pro-line	Alfen Twin	Wallbox Copper SB	EVBox Business Line	Zaptec Pro
Max. 22 kW	✓	✓	✓	✓	✓	✓
Cable or socket	Socket	Both	Socket	Socket	Socket	Socket
Length cable	-	5 or 8 meter	-	-	-	-
RFID	✓	✓	✓	✓	✓	✓
Backoffice	E-Flux	E-Flux	OCPP / E-Flux (optioneel)	Wallbox / E-Flux	E-Flux	
Load balancing	✓	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	-	✓
• EM	✓	✓	✓	✓	✓	✓
• Charging hub	✓	✓	✓	✓	✓	✓
Connectivity	GPRS / UTP	GPRS / UTP	GPRS / UTP	Wi-fi / UTP	GPRS / UTP	Wi-fi / GPRS / UTP
PV Charging	-	-	-	✓	-	-
Color	White / Gray	White / Gray	Gray / Custom	Black	Gray	Black
Stock	✓✓	✓✓✓	✓	✓✓	✓✓	✓✓

AC-chargers home

	Alfen	Wallbox			Zaptec	Solaredge
						
Series	Alfen single S-line	Wallbox Pulsar Plus	Wallbox Commander 2(S)	Wallbox Pulsar MAX	Zaptec Go	SolarEdge Home EV-Lader
Max. 22 kW	Max 11 kW	✓	✓	✓	✓	✓
Cable or socket	Both	Cable	Cable	Cable	Socket	Cable
Length cable	5 or 8 meters	5 or 7 meters	5 meters	5 meters	-	6 meters
RFID	✓	-	✓	-	✓	✓
Backoffice	E-Flux	Wallbox / E-Flux	Wallbox / E-Flux	Wallbox / E-Flux	E-Flux	MySolarEdge
Load balancing	✓	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	✓	-
• EM	✓	✓	✓	✓	✓	✓
• Charging hub	✓	-	✓	Soon	✓	-
Connectivity	UTP	Wi-fi	Wi-fi / UTP / 3G-4G	Wi-fi	Wi-fi / GPRS / UTP	Wi-fi / UTP
PV Charging	-	✓	✓	✓	-	✓
Color	White / Gray	Black / White	Black / White	Black	Black / White / Gray / Green / Blue / Brown	White
Stock	✓✓✓	✓✓✓	✓✓	✓	✓✓	✓

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/e-mobility/overzicht>

DC-chargers



	ABB		Wallbox
			
Series	ABB Terra CE	ABB Terra DC Wallbox CE	Wallbox Supernova
Max kW	54 kW, 124kW, 184kW	24kW	60kW
Cable or socket	Cable	Cable	Cable
Length cable	2 x 3,9 meters or 3 x 3,9 meters	3,9 meters	5 meters
RFID	✓	✓	✓
Backoffice	OCPP	OCPP	Wallbox / OCPP
Connectivity	UTP / GSM (3G, 4G)	UTP / GSM (3G, 4G)	UTP / GSM (2G, 3G, 4G, LTE)
Stock	On request	On request	✓

Chargers – Accessories

Accessoire	Usage	Compatible with
Alfen		
Carlo Gavazzi Energy meter	For load balancing	CG spools 250-400/5A
Wallbox		
Cable dock White of Black	Cable management	Wallbox chargers
Cable dock Black	Gun holder + cablemanagement	Wallbox chargers T2 connector
Energie meter 3-phase	For load balancing	
P1 solution	For load balancing with smart meter	Wallbox chargers and smart meters
Zaptec		
Tibber Pulse	For Loadbalancing residential	Zaptec Go en Pro
Zaptec Chill	Kabelhouder	Zaptec Go en Pro
Zaptec P1 bundle	For loadbalancing	Zaptec Go and Pro
Onepole mounting pole	Back to back, daisy chaining possible	Zaptec Pro
EV-Go		
Universal mounting pole	Single or back to back	Alfen, Wallbox, Webasto
Plates for mounting chargers on pole	Various plates for the different chargers	Alfen, Wallbox, Webasto
Plastic mounting pole	Single or back to back	Universal
CED-P1	P1 extension module for load balancing	Universal
Backoffice		
E-flux	Backoffice system for settlements	Alfen, Wallbox
XEMEX		
P1MB	P1 to ModBus module	
CSMB	Current sense to Modbus Module	



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