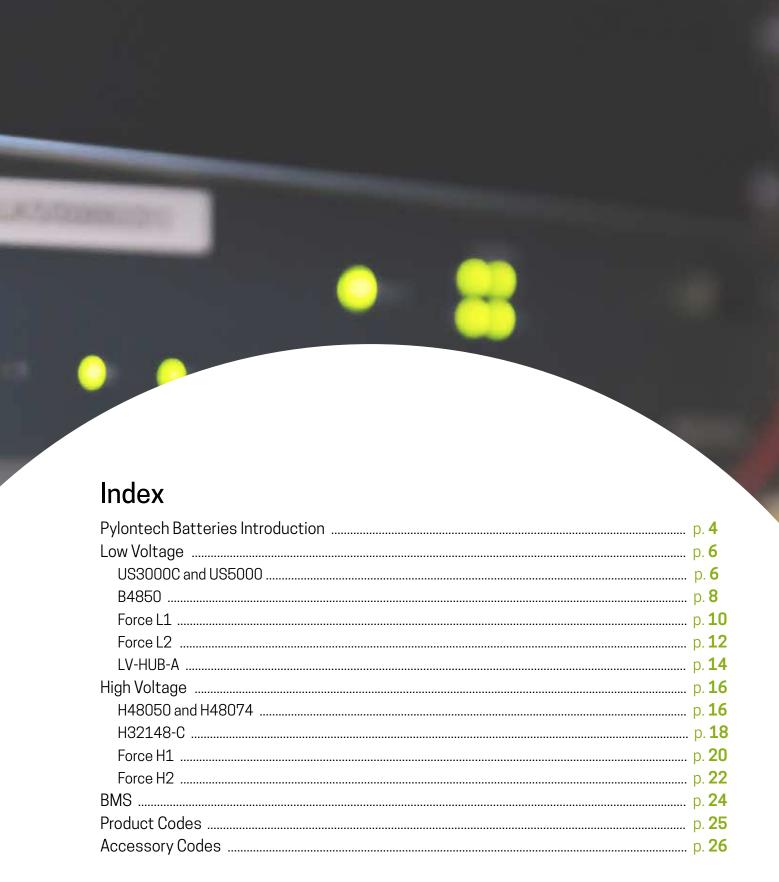


HIGH AND LOW VOLTAGE LITHIUM BATTERIES

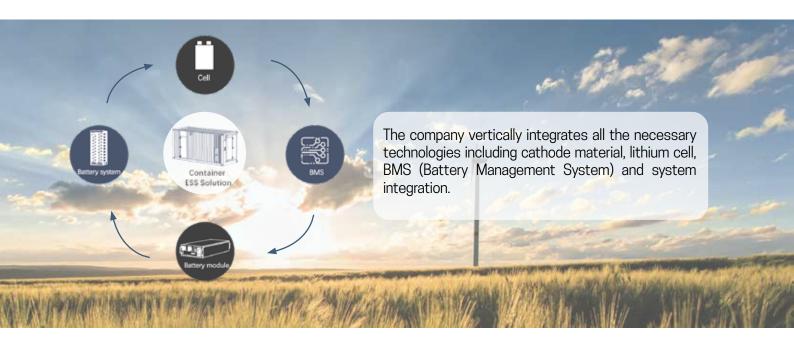






Pylontech Lithium Iron Phosphate Batteries

With over 3 GWh installed and 250,000 residential ESS installed, Pylontech ranks third among the leading suppliers of LiFePO4 battery storage systems worldwide.



Pylontech produces **low voltage** batteries (mainly used in residential areas) and **high voltage** batteries (used in the residential, commercial and industrial sectors).

Low Voltage Models

Dedicated to residential-sized systems, the low voltage batteries have a storage capacity of 2.4, 3.55 and 4.8 kWh, and with their modularity it is possible to have storage systems from 4.8 to 30 kWh.

The family of low voltage batteries is divided into the **US-C** and **UP** series in "rackable" format, that are inserted in special technical cabinets of various sizes depending on the need.

Second is the **FL** series in "stackable" format that is stackable one above the other.







High Voltage Models

The high voltage batteries have a capacity of 2.4 and 3.55 kWh and connected in series can reach from 4.8 kWh up to over 2 MWh of storage.

The family of high voltage batteries is divided into the **H** series in "rackable" format, and in the **FH** in "stackable" format.



Energy manages distribution and assistance for Pylontech.





US3000C and US5000

Low voltage lithium batteries

US3000C - 3,55 kWh Modules

US5000 - 4.8 kWh Modules

Features:

- The internal molecular structure of LiFePO4 batteries is more stable and safe (Cobalt free);
- Double active protection at BMS level;
- 95% depth of discharge (DOD), available for inverters aligned with the latest Pylontech protocol;
- 10 year guarantee.



DIMENSIONS:

US3000C US5000

Height: 132 mm
Width: 442 mm
Depth: 410 mm
Weight: 32 kg

Height: 161 mm
Width: 442 mm
Depth: 420 mm
Weight: 39.7 kg





Technical data Lithium Battery

MODEL	US3000C	US5000		
Items Code	90040082 90040084			
ELECTRICAL DATA				
Cell technology	Li-ion (LFP)			
Nominal voltage [V]		48		
Nominal capacity [kWh/Ah]	3,552 / 74	4,8 / 100		
Depth of discharge DOD [%]		95		
Usable capacity [kWh/Ah]	3,37/70,2	4,56 / 95		
Recommend charge current [A]	37	80*		
Charge voltage [V]	52,5 ~ 53,5	52,5 ~ 53,5		
Discharge voltage [V]	44,5 ~ 53,5	43,5 ~ 53,5		
BUS				
Communication Bus	RS232, RS485, CAN RS485, CAN			
Communication protocol	YD/T 1363.3-2005	-		
DIMENSIONS AND WEIGHT				
Width [mm]	442	442		
Height [mm]	132 (3U) 161 (4U)			
Depth [mm]	420 420			
Weight [kg]	32 39,7			
GENERAL DATA				
Charge working temperature [°C]	0	~50		
Discharge working temperature [°C]	-10	0~50		
Storage temperature [°C]	-20 ~ 60	-20 ~ 45		
Protection class	IF	P20		
Operation life at 25 °C [year]	1	5+		
Life cycles	>6000 25°C			
Transport certificate	UN38.3, UN 3090	UN38.3, UN 3480		
Certifications and regulations	IEC62619, IEC63056, IEC62040, IEC62477-1, UL1973,U1642,UL9540A, VDE2510-50, IEC61000-6-2, IEC61000- 6-3, GR-1089, GB/T 2423, TÜV, CE, UL	IEC62619, IEC63056, UL1973, UL9540A, IEC61000-6-2, IEC61000-6-3, GR-1089, GB/T 2423, TÜV, CE, UL		

 $^{^*}$: The recommended and max. continuos operation current is for a battery cell temperature within $10 \sim 40^{\circ}$ C to consider, out of such temperature range will cause derating on operation current.













Scan to view the assembly video of the US3000C batteries



B4850

Low voltage lithium batteries

B4850 - 2.4 kWh Modules

Features:

- High safety LFP with cell level monitoring and balancing;
- Wide working temperature;
- Modular design and easy to install;
- Possibility to connect multiple battery modules in parallel, up to 40 units, to expand capacity and power;
- Can be used in both off-grid and hybrid setups;
- 10 years warranty.



DIMENSIONS:

Height: 90 mm Width: 480 mm Depth: 360 mm Weight: 22 kg





Technical data Lithium Battery

MODEL	B4850		
Items Code	90040500		
ELECTRICAL DATA			
Cell technology	LiFePO4		
Nominal voltage [V]	48		
Nominal capacity [kWh/Ah]	2.4/50		
Depth of discharge DoD [%]	90		
Usable capacity [kWh/Ah]	2.16/45		
Recommend C-Rate [C]	0.5		
Recommended charge/discharge current [A]	25		
Max. power charge/discharge current [A]	50		
Peak power charge/discharge current [A]	55 (1s)		
Charging cut-off vol. [V]	54		
Discharging end-of vol. [V]	42		
BUS			
Communication Bus	CAN, RS485		
DIMENSIONS AND WEIGHT			
Width [mm]	480		
Height [mm]	90		
Depth [mm]	360		
Weight [kg]	22		
GENERAL DATA			
Charge working temperature [°C]	0~50		
Discharge working temperature [°C]	-20 ~ 50		
Protection degree	IP20		
Operation life [years]	15+		
Life cycles	>6000		
Scalability	Up to 40 units in parallel		
Compatible inverters	Victron, SMA, Goodwe, Imeon, Solis, zeroCO ₂ , SAJ, Growatt, Luxpower, Voltronic, Deye ecc.		
Certification	TÜV, CE, UN38.3, UL1973, CEI-021		
EMC Standard	EN62619, IEC62040, Accreditato CEC		

Force L1

Low voltage lithium batteries

Force L1 - 3.55 kWh Modules

Force L1 low voltage Pylontech batteries are particularly suitable for residential applications because they are aesthetically elegant and can be installed quickly without the need to connect cables between the various elements; in fact, to mount these batteries, simply place them one on top of the other.

The basic module is 3.55 kWh, the **depth of discharge** is **95%** and a capacity of **24.85 kWh** can be reached for each **7-module stack**. The stack is completed by the BMS, the upper element of the structure, which controls and regulates the charges and discharges of the system.

10 year warranty included, IP55. Magnetothermic switch installed.



COMPLIANT WITH STANDARD VDE 2510-50



Pylontech Brand



BMS Module



BMS Display

DIMENSIONS:

Height: See table Width: 600 mm Depth: 380 mm

Weight: from 86.5 to 269 kg





Stack of Batteries

MODEL			Forc	e L1		
Items Code [battery module]	90040227					
Items Code [controller BMS]	90040228					
Battery module quantity [pcs]	2	3	4	5	6	7
Battery system voltage [V]			48	8		
Battery system capacity [kWh/Ah] 1 stack	7.10 / 148	10.65 / 222	14.20 / 296	17.76 <i> </i> 370	21.31 / 444	24.86 <i> </i> 518
Battery system charge/disch. current [A, normal]	75			100		
Dimension [450x296xH, mm]	530	700	870	1040	1210	1380
Weight [kg]	86.5	123	159.5	196	232.5	269
Battery system charge voltage [min~max,V]			44.5 ~	53.5		
Battery system charge/disch. current [A, standard]	30	45	60	75	90	100
Battery system charge/disch. current [A, max.]	110@15s					
Battery module name	FL48074					
Battery module voltage [V]	48					
Battery module capacity [kWh/Ah]	3.552/74					
Depth of Discharge [%]	95					
Efficiency [%]	96					
Battery controller name [BMS]	FC0048-100S					
Communication bus	RS485\CAN					
Operation temperature [°C]			0 ~	50		
Storage temperature [°C]			-20 -			
Altitude [mt]	<2000					
Protection class	IP55					
Operation life [years]	15+					
Operation cycle life	6000					
Transport certificate	UN38.3					
Certifications and regulations	VDE2510-50, IEC62619, CE RED, IEC62477-1, CEC					
Battery controller dimension [WxHxD]	600x150x380					
Battery module dimension [WxHxD] Battery bottom base dimension [WxHxD]	600x170x380 600x40x380					













Battery Module



Scan to view the assembly video

(*) Current value used to determine the capacity of the battery during test.

Battery Module

MODEL	FL48074
Cell technology	Li-ion (LFP)
Battery module voltage [V]	48
Battery module capacity [kWh/Ah]	3.552/74
Battery type	2p 15 s
Dimension [WxHxD, mm]	600x170x380
Weight [kg]	36.5
Battery cell voltage [V]	3.2
Battery cell capacity [Wh/Ah]	118.4/37
Operation temperature [°C]	0~50
Storage temperature [°C]	-20 ~ 60
Operation life [years]	15+
Operation cycle life	6000
Transport certificate	UN38.3



Force L2

Low voltage lithium batteries

Force L2 - Moduli da 3,55 kWh

Force L2 low voltage Pylontech batteries are particularly suitable for residential applications because they are aesthetically elegant and can be installed quickly, even in small spaces, without the need to connect cables between the various elements; in fact, to mount these batteries, simply place them one on top of the other.

The basic module is 3.55 kWh, the **depth of discharge** is **95%** and a capacity of **14.20 kWh** can be reached for each **4-module stack**. The battery is completed by the BMS, the upper element of the structure, which controls and regulates the charges and discharges of the system. **Up to 6 stacks** can be mounted **in parallel** in the same system.

10 year warranty included, IP55. Magnetothermic switch installed.

TOP SAFETY LEVEL:

COMPLIANT WITH STANDARD VDE 2510-50



Stack of Batteries

Pylontech Brand

DIMENSIONS:

Height: See table Width: 450 mm Depth: 296 mm

Weight: from 82 to 153 kg



BMS Module



BMS Display





Stack of Batteries

MODEL		Force L2	
Items Code [battery module]	90040225		
Items Code [controller BMS]	90040226		
Battery module quantity [pcs]	2	3	4
Battery system voltage [V]		48	
Battery system capacity [kWh/Ah] 1 stack	7.10 / 148	10.65/222	14.20/296
Battery system charge/discharge current [A, normal]	75	10	0
Dimension [450x296xH, mm]	822	1120	1415
Weight [kg]	82	117.5	153
Battery system charge voltage [min~max,V]		44.5 ~ 53.5	
Battery system charge/discharge current [A, standard]	30	45	60
Battery system charge/discharge current [A, max.]		110@15s	
Battery module name	FL4874M		
Battery module voltage [V]	48		
Battery module capacity [kWh/Ah]	3.552/74		
Depth of Discharge [%]	95		
Efficiency [%]	96		
Battery controller name [BMS]	FC0048M-100S		
Communication bus	RS485\CAN		
Operation temperature [°C]	0~50		
Storage temperature [°C]	-20 ~ 60		
Altitude [mt]	<2000		
Protection class	IP55		
Operation life [years]	15+		
Operation cycle life	6000		
Transport certificate	UN38.3		
Certifications and regulations	VDE2510-50, IEC62619, CE RED, IEC62477-1, CEC		
Battery controller dimension [WxHxD, mm]	450x190x296		
Battery module dimension [WxHxD, mm]	450x296x296		
Battery bottom base dimension [WxHxD, mm]	450x40x296		



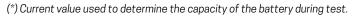






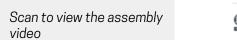
Battery Module





Battery Module

MODEL	FL4874M
Cell technology	Li-ion (LFP)
Battery module voltage [V]	48
Battery module capacity [kWh/Ah]	3.552 / 74
Battery Type	2p 15 s
Dimension [WxHxD, mm]	450x296x296
Weight [kg]	35.5
Battery cell voltage [V]	3.2
Battery cell capacity [Wh/Ah]	118.4/37
Operation temperature [°C]	0~50
Storage temperature [°C]	-20 ~ 60
Operation life [years]	15+
Operation cycle life	6000
Transport certificate	UN38.3







LV-HUB-A

Communication Hub

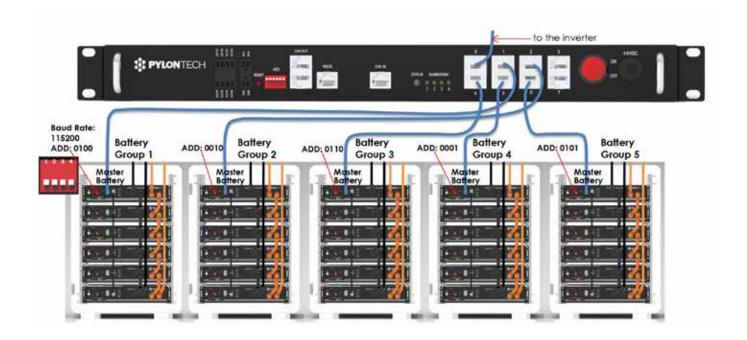
LV-Hub is a device that allows communication between battery stacks in parallel. The available communication protocol is CAN or RS485.

Each LV-Hub can connect up to a maximum of 5 strings of batteries.

Each battery string can include a maximum of 16 units for the US2000C, US3000C and US5000.

There are also possible configurations that use a master LV-Hub and 5 slave LV-Hubs which therefore allow you to control up to a maximum of 400 battery modules using the CAN communication protocol.









Technical data

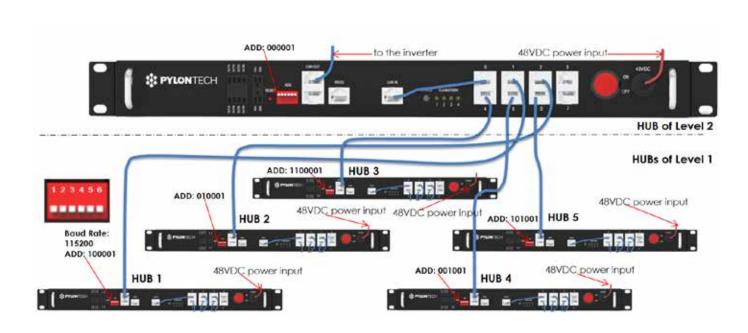
MODEL	LV-HUB-A
Items Code	90040214
ELECTRICAL DATA	
Cell Technology	Li-ion (LFP)
Operating voltage range [V]	48
Communication interface	RS485\CAN
Systemconsumption [W]	2W
Dimensions [WxHxD, mm]	442x44x150
Weight [kg]	3
Operation life	15
Working temperature [°C]	-20 ~ 60
Storage temperature [°C]	-40 ~ 80
Protection Class	IP20
CAN [Max 5 groups]	Baud rate: 500K; terminal resistance: $0/120\Omega$
RS485 [Max 5 groups]	Baud rate: 9600/115200
Transport certificate	UN38.3
Transfer certificate	TÜV, IEC62619











H48050 e H48074

High voltage lithium battery

H48050 - 2.4 kWh Modules

H48074 - 3.55 kWh Modules

Features:

- The internal molecular structure of LiFePO4 batteries is more stable and safe (Cobalt free);
- Longer Life cycle, which exceeds 5000 cycles, corresponding to about 11 years of work, with an end-of-life capacity of 80%;
- Advanced BMS, which allows you to report alarms in real time;
- Depth of discharge up to 95%;
- Ease of expansion, to obtain storage of important dimensions;
- 10 years warranty.



DIMENSIONS:

H48050

Height: 100 mm Width: 442 mm Depth: 390 mm Weight: 24 kg

H48074

Height: 132 mm Width: 442 mm Depth: 390 mm Weight: 32 kg





Technical data **Lithium Battery**

MODEL	H48050	H48074	
Items Code	90040200	90040201	
ELECTRICAL DATA			
Cell technology	Li-ion	(LFP)	
Nominal voltage [V] (single module)	4	8	
Nominal capacity [kWh/Ah] (single module)	2.4/50	3.552 / 74	
Depth of discharge DoD [%]	9	5	
Current [A]	25 (nominal) - 50 (max)	37 (nominal) - 74 (max)	
Charge voltage [V, min.~max.]	43.5	~ 54	
BUS			
Communication Bus	RS232, CAN	RS485, CAN	
Communication protocol	YD/T 1363.3-2005		
DIMENSIONS AND WEIGHT			
Width [mm]	442	442	
Height [mm]	100 (3U)	132 (3U)	
Depth [mm]	390	390	
Weight [kg]	24	32	
GENERAL DATA			
Charge/ discharge operation temperature [°C]	0~	50	
Storage Temperature [°C]	-20	~60	
Protection Class	IP2	20	
Operation Life at 25 °C	15+		
Life Cycles	5000		
Backup time [Nominal power 500 W]	≥5h		
Duration of charge maintenance	6 Mesi con batteria spenta		
Transport certificate	UN38.3, UN 3090		
Certifications and regulations	IEC 61000, EN 55022, GR-1089, GB/T 2423, TÜV, CE, TLC	IEC 61000, EN 55022, GR-1089, GB/T 2423, TÜV, CE	











(€ GR-1089, UN 3090, EN55022, GB/T 2423



Scan to view the assembly video

H32148-C

High voltage lithium battery

H32148-C-4.74 kWh Modules

Features:

- The battery cell is LiFePO4, lithium iron phosphate (**Cobalt free**), ensures the highest level of efficiency and safety among the technologies available on the market today;
- Is designed to ensure reliable power delivery, for various types of equipment and systems;
- Ease of expansion, to obtain storage of important dimensions;
- Battery modules are designed to ensure long life while maintaining optimum efficiency over time.



DIMENSIONS:

Height: 150.5 mm Width: 330 mm Depth: 628 mm Weight: 48 kg





Technical data **Lithium Battery**

MODEL	H32148-C
Items Code	90040280
ELECTRICAL DATA	
Cell technology	Li-ion (LFP)
Nominal voltage [V]	32
Nominal capacity [kWh/Ah]	4.736 / 148
Depth of discharge DOD [%]	90 (8-98%)
Nominal current [A]	74
Battery module cell quantity in series [pcs]	10
Battery cell voltage [V]	3.2
Battery cell capacity [Wh/Ah]	118.4 / 37
Battery module charge voltage [min~max, V]	30~36
Battery system charge current [A, standard]	29.6
Battery system charge current [A, max.]	148
Battery system discharge current [A, standard]	29.6
Battery system discharge current [A, max.]	148
Efficiency [%]	96
BUS	
Communication Bus	RS485\CAN
GENERAL DATA	
Dimension [WxHxD, mm]	330x150.5x628
Weight [kg]	48
Operation temperature [°C]	0~50
Storage temperature [°C]	-20 ~ 60
Protection class	IP20
Operation life [years]	+10
Operation cycle life	4000
Transport certificate	UN38.3
Certifications and regulations	TÜV (IEC62619)







Force H1

High voltage lithium battery

Force H1 - 3.55 kWh Modules

Force H1 high voltage Pylontech batteries are particularly suitable for residential applications because they are aesthetically elegant and can be installed quickly without the need to connect cables between the various elements; in fact, to mount these batteries, simply place them one on top of the other.

The basic module is 3.55 kWh, the **depth of discharge** is **95%** and a capacity of **24.85 kWh** can be reached for each **7-module stack**. The battery is completed by the BMS, the upper element of the structure, which controls and regulates the charges and discharges of the system.

10 year warranty included, IP55. Magnetothermic switch installed.



COMPLIANT WITH STANDARD VDE 2510-50



Stack of Batteries

Pylontech Brand

DIMENSIONS:

Height: See table Width: 600 mm Depth: 380 mm

Weight: from 122 to 266 kg



BMS Module



BMS Display





Stack of Batteries

MODEL			Force H1		
Items Code [battery module]	90040220				
Items Code [controller BMS]		90040224			
Battery module quantity [pcs]	3	4	5	6	7
Battery system voltage [V]	144	192	240	288	336
Battery system capacity [kWh/Ah] 1 stack	10.65/74	14.20/74	17.76/74	21.31/74	24.86 / 74
Battery system charge/discharge current [A, normal]			37		
Dimension [600x380xH, mm]	700	870	1040	1210	1380
Weight [kg]	122	158	194	230	266
Battery system charge voltage [min~max,V]	130.5 ~ 162	174~216	217.5 ~ 270	261~324	304.5~378
Battery system charge/discharge current [A, standard]			14,8		
Battery system charge/discharge current [A, max.]			40@15s		
Battery module name			FH48074		
Battery module voltage [V]			48		
Battery module capacity [kWh/Ah]	3.552/74				
Depth of Discharge [%]	95				
Efficiency [%]	96				
Battery controller name [BMS]	FC0500-40S				
Communication bus	CANBUS / Modbus RTU				
Operation temperature [°C]	0~50				
Storage temperature [°C]			-20 ~ 60		
Humidity [%]	5~95				
Protection class	IP55				
Operation life [years]	15+				
Operation cycle life	>5000				
Transport certificate	UN38.3				
Certifications and regulations	VDE2510-50, IEC62619, UL1973, IEC62477-1, IEC62040-1, CEC, CE				
Battery controller dimension [WxHxD, mm] Battery module dimension [WxHxD, mm] Battery bottom base dimension [WxHxD, mm]	600x150x380 600x170x380 600x40x380				





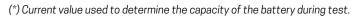






Battery Module





Battery Module

MODEL	FH48074
Cell technology	Li-ion (LFP)
Battery module voltage [V]	48
Battery module capacity [kWh/Ah]	3.552/74
Battery Type	2p 15 s
Dimension [WxHxD, mm]	600x170x380
Weight [kg]	36
Battery cell voltage [V]	3.2
Battery cell capacity [Wh/Ah]	118.4/37
Operation temperature [°C]	0~50
Storage temperature [°C]	-20 ~ 60
Operation life [years]	15+
Operation cycle life	5000
Transport certificate	UN38.3



Scan to view the assembly video



Force H2

High voltage lithium battery

Force H2 - 3.55 kWh Modules

Force H2 high voltage Pylontech batteries are particularly suitable for residential applications because they are aesthetically elegant and can be installed quickly without the need to connect cables between the various elements; in fact, to mount these batteries, simply place them one on top of the other.

The basic module is 3.55 kWh, the **depth of discharge** is **95%** and a capacity of **14.20 kWh** can be reached for each **4-module stack**. The battery is completed by the BMS, the upper element of the structure, which controls and regulates the charges and discharges of the system.

10 year warranty included, IP55. Magnetothermic switch installed.

TOP SAFETY LEVEL:

COMPLIANT WITH STANDARD VDE 2510-50



Stack of Batteries

Pylontech Brand

DIMENSIONS:

Height: See table Width: 450 mm Depth: 296 mm

Weight: from 82 to 152 kg



BMS Module



BMS Display





Stack of Batteries

MODEL		Force H2		
Items Code [battery module]	90040218			
Items Code [controller BMS]	90040219			
Battery module quantity [pcs]	2	3	4	
Battery system voltage [V]	192	288	384	
Battery system capacity [kWh/Ah] 1 stack	7.10/37	10.65/37	14.20/37	
Battery system charge/discharge current [A, normal]		18.5		
Dimension [450x296xA, mm]	822	1118	1414	
Weight [kg]	82	117	152	
Battery system charge voltage [min~max,V]	174/216	261/324	348 / 432	
Battery system charge/discharge current [A, standard]		7.4		
Battery system charge/discharge current [A, max.]	40@15s			
Battery module name	FH9637M			
Battery module voltage [V]	96			
Battery module capacity [kWh/Ah]	3.552/37			
Depth of Discharge [%]	95			
Efficiency [%]	96			
Battery controller name [BMS]	FC0500M-40S			
Communication bus	CANBUS / Modbus RTU			
Operation temperature [°C]	0~50			
Storage temperature [°C]	-20 ~ 60			
Humidity [%]	5~95			
Protection class	IP55			
Operation life [years]	15+			
Operation cycle life	>5000			
Transport certificate	UN38.3			
Certifications and regulations	VDE2510-50, IEC62619, IEC62477-1, IEC62040-1, CEC, CE			
Battery controller dimension [WxHxD, mm] Battery module dimension [WxHxD, mm]	450x190x296 450x296x296			
Battery bottom base dimension [WxHxD, mm]	450x296x296 450x40x296			



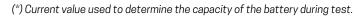






Battery Module





Battery Module

MODEL	FH9637M
Cell technology	Li-ion (LFP)
Battery module voltage [V]	96
Battery module capacity [kWh/Ah]	3.552/37
Dimension [WxHxD, mm]	450x296x296
Weight [kg]	35
Battery cell voltage [V]	3.2
Battery cell capacity [Wh/Ah]	118.4/37
N° cell quantity in series [pcs]	30
Operation temperature [°C]	0~50
Storage temperature [°C]	-20 ~ 60
Operation life [years]	15+
Operation cycle life	5000
Transport certificate	UN38.3







BMS

Battery Management System

The **BMS** (Battery Management System) can manage and monitor cell information, including voltage, current and temperature as well as keep cells balanced during the charge / discharge process, in order to improve battery life performance.

The Battery Management System (BMS) has overcharge, overvoltage, overcurrent and high / low temperature protection functions. The absence of forced ventilation systems for cooling reduces the noise of the entire system. The operating temperature range, to ensure excellent charging / discharging performance as well as duration is between 0 ° C and 50 ° C.



Technical data

Pylontech Brand

				1
MODEL	SC0500-40S V2	SC0500-100S V2	SC1000-100S V2	SC1000-200J-C
Items Code	90040272	90040273	90040274	90040281
ELECTRICAL DATA				
Related product		be-X1-X2 /2	PowerCube-H1-H2 V2	PowerCube-M1 zeroCO ₂ XL
Battery modules quantity [pcs]	2~10		5~18	fino a 26
Self-consumption power [W]	8			6
Operating voltage [Vdc]	60~600		200~1000	200~1000
System working voltage [Vdc]	60~600		200~1000	200~1000
Discharge voltage [Vdc]	60~600		200~1000	200~1000
Max. Charging current [A]	40	100	100	148
Max. Discharge current [A]	40	100	100	148
Communication	Modbus RTU\CAN\LAN			
GENERAL DATA				
Dimension [WxHxD, mm]	442x87x390 442x132x390		330x150.5x628	
Weight [kg]	7 9		9	13
Operating temperature [°C]	-20 ~ 65			-20 ~ 65
Storage temperature [°C]	-40 ~ 80			-40 ~ 80
Protection Class	IP20			
Design Life [years]	+15			
Certification	TÜV, CE			





PRODUCT CODES

	CODE	DESCRIPTION
LOW VOLATGE	90040082	Pylontech US3000C Lithium battery module Rev. C - 74 A/48V - 3.55 kWh - DOD 95%
	90040084	Pylontech US3000C Lithium battery module Rev. C - 74 A/48V - 3.55 kWh - DOD 95%
	90040214	Pylontech LV-Hub MBMS parallel module for low voltage batteries
	90040225	Pylontech FL48074M Lithium battery module 74A/48V - 3.55 kWh - DOD 95% - Force L2
	90040226	Pylontech FC048M-100S Low voltage 48 V BMS module - Stackable - Force L2 - Complete with rear fixing
	90040227	Pylontech FL48074 Lithium battery module 74A/48V - 3.55 kWh - DOD 95% - Force L1
	90040228	Pylontech FC048-100S Low voltage 48 V BMS module - Stackable - Force L1
	90040500	Dyness B4850 - Battery module 50 Ah/48V - 2,4 kWh - DOD 95%: Dangerous Goods UN3480 lithium ion battery, class 9
HIGH VOLTAGE	90040200	Pylontech H48050 Lithium battery module 25 A/48V - 2.4 kWh - DOD 95%
	90040201	Pylontech H48074 Lithium battery module 25 A/48V - 3.55 kWh - DOD 95%
	90040212	Pylontech MBMS1000 Parallel MBMS module for high voltage batteries
	90040218	Pylontech FH9637M Lithium battery module 37A/96V - 3.55 kWh - DOD 95% - Force H2
	90040219	Pylontech FC0500M High voltage BMS module 150-450 V - Stackable - Force H2 - Complete with rear fixing
	90040220	Pylontech FH48074 Lithium battery module 74A/48V - 3.55 kWh - DOD 95% - Force H1
	90040224	Pylontech FC500 High voltage BMS module 150-450 V - Stackable - Force H1
	90040272	Pylontech SC0500-40S-V2 High voltage BMS module 60-600V for H48050 and H48074 - Remote update and cloud monitoring
	90040273	Pylontech SC0500-100S-V2 High voltage BMS module 60-600V for H48050 and H48074 - Remote update and cloud monitoring
	90040274	Pylontech SC1000-100S-V2 High voltage BMS module 200-1000V for H48050 and H48074 - Remote update and cloud monitoring
	90040280	Pylontech H32148C Lithium battery module 148 A/32V - 4.74 kWh - DOD 90% - DANGEROUS GOODS: UN3480 Li-ion battery, class 9
	90040281	Pylontech BMS SC1000-200J-C with internal power supply (for H32148C)

ACCESSORY CODES

CODE	DESCRIPTION
90900220	Pylontech - Inverter / battery connection cables kit
90900080	Pylontech - H480xxA / BMS module connection cable kit
90040360	Power Cube Rack Kit complete with brackets and support feet*
90040380	Power Cube M1 - Rack 24 Modules*
90040384	Power cube rack H1*
90040385	Power cube rack H2*
90040340	Kit Case Pylontech 6U*
90040342	Kit Case Pylontech 9U*
90040344	Kit Case Pylontech 12U*
90040348	Kit Case Pylontech 24U*
90040350	Kit Case Pylontech 33U*
90040352	Kit Case Pylontech 42U*
90040546	Rack 19" ZeroCO2 Sun Box - 16U complete with brackets and support feet

^{*}The rackable batteries have a height from 2 to 3U (rack unit) and are easily installed in special rack cabinets supplied on request by Energy S.p.A.







Request the product catalog from the distributors of photovoltaic material

Energy S.p.A.

Registered Office: Piazza Manifattura, 1 - 38068 Rovereto TN - Italy Operations/Warehouse: Via Zona Industriale, 10 - 35020 Sant'Angelo di Piove di Sacco PD - Italy Tel. +39 049 2701296 - info@energysynt.com www.retiintelligenti.com - www.energyspa.com - www.bandoaccumulo.com







