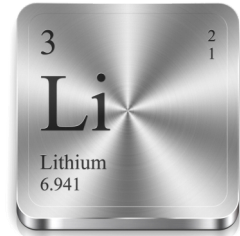


Studer Power works with Lithium



Lithium batteries are being used more and more in off-grid, self-consumption, mobile and energy storage applications. Studer Innotec is compatible with many important lithium battery manufacturers, to give to the customer the widest possible choice to find its best solution.

Lithium battery brands we work with:



The products from the series:

-Xtender
-VarioTrack
-VarioString

are compatible with many different Lithium battery systems. The following lists contain batteries that have been tested and authorized.

Compatible lithium batteries with direct communication through the Xcom-CAN*:

	Manufacturer	Type	Voltage	Capacity	Tech	Website
	AutarcTech	LiRack	24/48V	7- 22kWh	LiFeMnPO ₄	www.autarctech.com
	BlueNova	BN 13, BN 26, BN 52	12/24/48V	4 - 65kWh	LiFeYPO ₄	www.blunova.co.za
	BMZ	ESS 3.0 - 9.0	48V	3 - 102kWh	LiNMC	www.bmz-group.com
	BYD	B-Box Pro2.5- 10 B-Box Pro13.8	48V 48V	2.56 - 81.92kWh 13.8 - 441.6kWh	LiFePO ₄	www.byd.com
	Cegasa	eBick	48V	9 - 206kWh	LiFePO ₄	www.cegasa.com
	Discover	AES 44-24-2800 AES 42-48-6650	24V 48V	2.8 - 56 kWh 6.65 - 133 kWh	LiFePO ₄	www.discoverbattery.com
	Cosun	RS-Box 4100, 8700	48V	4.1- 8.7 kWh	LiFePO ₄	www.cosuness.ltd
	Freedom Won	Lite series	48V	5 - 80kWh	LiFePO ₄	www.freedomwon.co.za
	IPS integrated power solutions AG	liCube® modular Iionic®	12/24/48V 24/48V	0.5 - 9kWh 3 - 25kWh	LiFePO ₄ LiFePO ₄	www.integratedpower.ch
	Pallas	RESS 48V50	48V	2.5 - 20kWh	LiFePO ₄	www.pallaspowersystem.com
	PowerTech Systems	PowerRack	48V	2.56- 1024 kWh	LiFePO ₄	www.powertechsystems.eu
	Pylontech	US 3000 US 2000B Plus Phantom-S	48V 48V 48V	3.5 kWh 2.4 kWh 2.4 kWh	LiFePO ₄	www.pylontech.com.cn
	Super-B	SB12V100E - zC SB12V160E - zC	12V 12V	1.2kWh 2kWh	LiFePO ₄ LiFePO ₄	www.super-b.com
	Tesvolt	TS 25-50	48V	4.8 - 307kWh	LiNMC	www.tesvolt.com
	WecoOliPower	4K4 LFP- HeSU	48V	4.4kWh	LiFePO ₄	www.weco.uk.com

Lithium batteries without direct communication:

	Manufacturer	Type	Voltage	Capacity	Tech	Website
	Ateps	Home Storage	48V	2.5 - 20kWh	LiNiMnCO ₂	www.ateps.com
	BLUE ION	BI2-08-18U BI2-12-18U BI2-16-18U	48V 48V 48V	8 - 450 kWh	LiFePO ₄	www.blueplanetenergy.com
	Garamanta	Garabat	24/48V	4.2 - 21kWh		www.garamanta.com
	PowerTech Systems	PowerBrick 12-250 PowerBrick 12-100 PowerBrick 48-61	12V 24V 48V	3.2- 32 kWh 2.56- 25 kWh 3.1- 31 kWh	LiFePO ₄	www.powertechsystems.eu
	RELION	RB100 - 300 RB24V50 - 100 RB48V100 - 300	12V 24V 48V	1.2 - 3.6kWh 1.2 - 2.4kWh 4.8 - 14.4kWh	LiFePO ₄	www.relionbattery.com
	Simpliphi	PHI 3.4	24/48V	3.4kWh	LiFePO ₄	www.simpliphipower.com
	Torqueedo	Power 26 - 104	24V	2.7kWh	LiNiMnCO ₂	www.torqueedo.com
	Trojan	TR12.8-92 TR12.8-110 TR25.6-25	12/24/48V 12/24/48V 24/48V	1.2 - 23.6 kWh 1.4 - 28.2 kWh 4.8 - 14.4kWh	LiFePO ₄	www.trojanbattery.com

Compatible BMS for Lithium batteries with direct communication through the Xcom-CAN*:

	Manufacturer	Type	Voltage	Capacity	Website
	AutarcTech	LiTerminal	12/24/48V	2.8 - 19.2kWh	www.autarctech.de
	Orion BMS	Orion Jr. BMS	24/48V	N/A	www.orionbms.com
	REC	REC Q BMS 16S	24/48V	N/A	www.rec-bms.com
	Solarni Panely	HomeGrid BMS	24/48V	3 - 614kWh	www.solarni-panely.cz

* the software version of the Studer system has to be R622 or higher.