

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.

AutarcTech
enjoy independence

BLUE PLANET
ENERGY

BLUE NOVA
energy

BMZ
THE INNOVATION GROUP

commeo
energy storage solutions

Discover®
Innovative Battery Solutions

freedom
WON

GS
HUB
SMART ENERGY FOR LIFE

IPS Integrated
Power Solutions AG

PowerTech
ADVANCED ENERGY STORAGE SYSTEM

simpliPhi
POWER

solarMD

SUNLIGHT
Reliable Battery Solutions

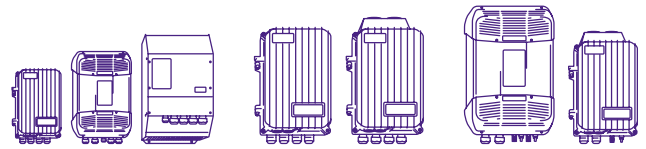
TESVOLT
STORAGE TECHNOLOGY

TROJAN
BATTERY COMPANY

Vision
Mechatronics
www.vmechatronics.com

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*

Country	Manufacturer	Type	Voltage	Capacity	Techno.	Website
	AutarcTech	LiRack	48V	5.6 - 224 kWh	LiFeMnPO ₄	autarctech.de
	BlueNova	BN 13, BN 26, BN 52	12/24/48V	2 - 65 kWh	LiFeYPO ₄	bluenova.co.za
	BMZ	ESS 7.0 / 9.0 / X	48V	3 - 120 kWh	LiNMC / LiNCA	bmz-group.com
	BYD	Premium LVL Premium LVS B-Box Pro 2,5 - 10, B-Box Pro 13,8	48V	15.36 - 983 kWh 3.84 - 245.8 kWh 2.56 - 441.6 kWh	LiFePO ₄	bydbatterybox.com
	Cegasa	eBick Pro 180 eBick Ultra 100	48V	70 - 3 MWh 9 - 70 kWh	LiFePO ₄	cegasa.com
	Commeo	Commeo 48 V	48V	1.5 - 36 kWh	LiNMC	commeo.com
	Discover	AES 44-24-2800 AES 42-48-6650	24V 48V	2.8 - 56 kWh 6.65 - 133 kWh	LiFePO ₄	discoverbattery.com
	Freedom Won	Lite Range	48V	5 - 80 kWh	LiFePO ₄	freedomwon.co.za
	GS HUB	HomeHub	48V	2.5 - 20 kWh	LiFePO ₄	gs-hub.com
	IPS integrated power solutions AG	liCube® modular Ionic®	12/24/48V 24/48V	0.5 - 9 kWh 3 - 25 kWh	LiFePO ₄	integratedpower.ch
	PowerTech Systems	PowerRack®	48V	2.56 - 1280 kWh	LiFePO ₄	powertechsystems.eu
	Pylontech	US 3000, US 2000B Plus Phantom-S	48V	2.4 - 140 kWh	LiFePO ₄	pylontech.com.cn
	SolarMD	SS 4074, SS 4037, SS 202	48V	3.7 - 1.88 MWh	LiFePO ₄	solarmd.co.za
	Soltaro	SOL-R16-2.5KWH SOL-R16-5.0KWH	48V 48V	2.5 - 12.5 kWh 5 - 25 kWh	LiFePO ₄	soltaro.com
	Sunlight	Li.ON ESS	48V	5.12 - 384 kWh	LiFePO ₄	systems-sunlight.com
	Super-B	NOMIA	12V	1.2 - 2.7 kWh	LiFePO ₄	super-b.com
	Tesvolt	TS 25-50	48V	4.8 - 307 kWh	LiNMC	tesvolt.com
	Vision Mechatronics	LiRack / LiRack Eco	48V	3 - 500 kWh	LiFeMnPO ₄	vmechatronics.com
	Weco	4K4 LFP - HeSU 5K3R20 - HeSU	48V	4.9 - 122.5 kWh 5.3 - 132.5 kWh	LiFePO ₄	wecobatteries.com
	Zruipower	Power Base Pro	48V	2.5 - 300 kWh	LiFePO ₄	zruipower.com

Lithium batteries without direct communication*

Country	Manufacturer	Type	Voltage	Capacity	Techno.	Website
	Ateps	Home Storage	48V	2.5 - 20 kWh	LiNiMnCOO ₂	ateps.com
	Blue Planet Energy	Blue Ion 2.0	48V	8 - 450 kWh	LiFePO ₄	blueplanetenergy.com
	Garamanta	Garabat	24/48V	4.2 - 21 kWh	LiPO	garamanta.com
	PowerTech Systems	PowerBrick®	12/24/48V	0.96 - 38.4 kWh	LiFePO ₄	powertechsystems.eu
	RELION	RB / RB24V / RB48V	12/24/48V	0.06 - 14.4 kWh	LiFePO ₄	relionbattery.com
	Simpliphi	PHI 3.4	24/48V	3.4 kWh	LiFePO ₄	simpliphipower.com
	Torqueedo	Power 26 - 104	24V	2.7 kWh	LiNiMnCOO ₂	torqueedo.com
	Trojan	TRILLIUM	12/24/48V	1.2 - 28.2 kWh	LiFePO ₄	trojanbattery.com

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

AutarcTech, Orion BMS, REC BMS, Solarni Panely

*the software version of the Studer system has to be R664 or higher.