

LuxpowerTek Compatible Battery List

(US version)

1. Low-voltage battery brands and compatible Inverter models

Battery Brand (LV battery series)	Protocol Type				Compatible Battery Model	Compatible Inverter Model	UL 9540
	CAN	Battery Code	RS485	Battery Code			
LuxpowerTek		6	/	/	Li-5 PGEM PGEM PRO PGEM MAX PSHIELD PSHIELD MAX	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
HINAESS		1	/	/	Hi-5 PowerGem PowerGem Plus PowerGem Max PowerShield PowerShield Max PowerWave	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
BigBattery		0	/	/	ETHOS	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
BSL BATT		0	/	/	B-LFP48-52E B-LFP48-100E B-LFP48-200E B-LFP48-172E Powerline-5 Powerline-10 B-LFP48-100PW B-LFP48-172PW B-LFP48-200PW	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
EG4		0	/	/	EG4	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/

Pytes	✓	0	/	/	E-BOX-48100R E-BOX 4850 V5 V12	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	✓
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Stackrack	✓	0	/	/	SR5K-UL SR10K SR20K SR30K SR60K	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
PylonTech	✓	2	/	2	US2000C US2000D US3000C US3000D UP5000 UP5000D US5000 UF5000 FIDUS FIDUS PLUS FIDUS MAX PELIO	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
UZ Energy	✓	2	/	/	L051100-A L051100-A1 L051100-B L051100-D PLPA-L1-10K2-U IG-16K-U	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
GSLEnergy	✓	5	/	/	GSL051100A-B-GBP2 GSL051200A-B-GBP GSL051280A-B-GBP2 GSL7000 ZN-P48100ESA1 GSL-51-100-3U GSL-51-200 GSL-51-280 GSL5000U GSL10000U GSL-W-15K GSL-W-20K	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	✓
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Homegrid	✓	6	/	/	PowerBaseMateLV	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/

Volthium	✓	6	✓	6	Rackmount 51.2V 100Ah,200Ah	LXP-LB-US 11.4K LXP-LB-US 12K	✓
						LXP-LB-US 5-10K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Fortress	✓	18	/	/	/	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Renogy	✓	19	/	/	/	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	Ongoing
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Sunwoda	✓	2	/	/	SunESS / Atrix	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	✓
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Meritsun	/	/	✓	6/0	Powerwall 5kWh, 7kWh, 10kWh, 15kWh Rack 48V 50Ah, 100Ah, 200Ah	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/
Soluna	✓	0	/	/	Soluna EOS 5K Soluna 10K Pack LV With firmware version 1.4.3.2.01-JC3.26 and above	LXP-LB-US 5-10K LXP-LB-US 12K GEN-LB-US 13K GEN-LB-US 16K	/
						SNA-US 6000 SNA-NB-US 6000 SNA-3000WPV-120V SNA-US 12-15K SNA PRO-US 4.5K	/

2. High-voltage battery brands and compatible Inverter models

Battery Brand (HV battery series)	Protocol Type				Compatible Battery Model	Compatible Inverter Model
	CAN	Battery Code	RS485	Battery Code		
LuxpowerTek	✓	1	/	/	C5 / C14 / PStack	LSP 100K
HINAESS	✓	1	/	/	C5 / C14 / Power Stack	LSP 100K
Zetara	✓	3	/	/	ZBox100 / ZBox200	LSP 100K
Pylontech	✓	4	/	/	Force-H3	LSP 100K

Battery Brand (HV battery series)	Protocol Type				Compatible Battery Model	Compatible Inverter Model
	CAN	Battery Code	RS485	Battery Code		
LuxpowerTek	✓	6	/	/	C5 / C14 / PStack	GEN-HB-US 25K
HINAESS	✓	6	/	/	C5 / C14 / Power Stack	GEN-HB-US 25K
Zetara	✓	9	/	/	Inspiration-DC	GEN-HB-US 25K



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