

Luxpower Compatible Battery List

South Africa market

1. Low-voltage battery brands and compatible inverter models

Battery Brand (LV battery series)	Protocol Type				Compatible Battery Model	Compatible Inverter Model
	CAN	Battery Code	RS485	Battery Code		
LuxpowerTek		6	/	/	Li-5/ PGEM/ PGEM PRO/ PGEM MAX/ PSHIELD/ PSHIELD PRO/ PSHIELD MAX	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K/ GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K / LXP 3600 ACS / SQ-POD 3600
HINAESS		1	/	/	Hi-5 / PowerGEM / PowerGEM PLUS/PowerGem Max PowerShield/PowerShield Plus/PowerShield Max	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K/ GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K / LXP 3600 ACS / SQ-POD 3600
PylonTech		2	/	/	US2000/US2000C/US3000 /US3000C/UP5000 /US5000 /UF5000/FIDUS/PELIO	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K / LXP 3600 ACS / SQ-POD 3600
Weco		14	/	/	HESU 5.3K /HESU 4.4K	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K
Shoto		2	/	/	SDC10-Box5/HP10-Box5/ SDA10-48100	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K / LXP 3600 ACS / SQ-POD 3600
UZ Energy		6	/	/	L051100-A /L051100-A1 /L051100-B/L051100-D	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K / LXP 3600 ACS / SQ-POD 3600
EENOVANCE		2	/	/	/	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K
Hubble		2	/	/	Hubble AM-2/ Hubble AM-5, Hubble AM-10/ Hubble Blade	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
CF Energy		6	/	/	/	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
LBSA		6	/	/	5.1 / 6.1 / 12 kWh LBSA SMART units	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
Greenrich		2	/	/	Greenrich UP 3686/ UP 5000 / UP 6000	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
Freedom Won		2	/	/	Lite range 5kWh (5/4) - 200kWh (200/160)	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
Bluenova		2	/	/	BMAC+	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
LEMOEN		2	/	/	LEMOEN	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K / SNA-EU 12-14K
Dowell		6	/	/	iPack C6.5 / iPack C3.3	LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / SNA 3-6K / LXP 3600 ACS / SQ-POD 3600
Sunwoda		2	/	/	SUNESS/ARTIX/ARTIX BASIC	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K
VOLTA		2	/	/	VOLTA STAGE Series	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K
LBSA		2	/	/	LBSA 5.3kWh/LBSA 10.6kWh	LXP-LB-EU 7-12K / GEN-LB-EU 7-10K / GEN2-LB-EU 7-14K / LXP 3-6KHybrid / GEN-LB-EU 3-6K / GEN2-LB-EU 3-6K / TriP2-LB-EU 5-20K / SNA 3-6K

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		6	/	/	C5 / C14 / PStack	TriP 6-30K / TriP2-HB-EU 6-30K
		1	/	/		LSP 100K
HINAESS		1	/	/	C5 / C14 / Power Stack	TriP 6-30K / TriP2-HB-EU 6-30K
		1	/	/		LSP 100K
Zetara		6	/	/	VHES3000VS	TriP 6-30K / TriP2-HB-EU 6-30K
		3	/	/	ZBox100 / ZBox200	LSP 100K
Pylontech		2	/	/	Force-H3	TriP 6-30K / TriP2-HB-EU 6-30K
		4	/	/		LSP 100K
Aoboet		6	/	/	Uhome LFP 2400/2500	TriP 6-30K / TriP2-HB-EU 6-30K