

This compatibility matrix provides an overview of third-party battery brands tested and confirmed to work seamlessly with the Freedom Won Encore Residential inverter range. It serves as a quick reference guide to ensure optimal system integration and performance.



BRAND	BATTERY MODEL	ENCORE HYBRID MODEL
PYLON	<ul style="list-style-type: none"> • US2000 • US2000V2 • US3000 • US2000C • US3000C • US5000 • US5000 -B • UP5000 • UF5000 • Phantom-S • Force-L1/L2 • Pelio-L 	3K / 5K / 8K / 10K
AOBOET	<ul style="list-style-type: none"> • Uhome-LFP 2400/5000 Battery 	3K / 5K / 8K / 10K
Wanke	<ul style="list-style-type: none"> • S POWER-4.6 • S POWER-9.21 • S POWER-13.82 	3K / 5K / 8K / 10K
SOLUNA	<ul style="list-style-type: none"> • Soluna EOS 5K Pack (48V) • Soluna BES 5K Pack • Soluna 10K Pack LV • Soluna 4K Pack (48V) 	3K / 5K / 8K / 10K
Vocana	<ul style="list-style-type: none"> • General 	3K / 5K / 8K / 10K
ECUBE	<ul style="list-style-type: none"> • Xtreme • Xcellent • Ebrick • Xcellent (280Ah/14.3kW) • Xcellent Plus (16kWh) R-XC016161 	3K / 5K / 8K / 10K
VESTWOODS	<ul style="list-style-type: none"> • VT48100E-P1 • VT48100E-P2 • VE48100E-P1 • VE48100E-P2 • VE48100E • VT48100E-W • VE51100RS • VE51100W 	3K / 5K / 8K / 10K
Jinhweifeng	<ul style="list-style-type: none"> • General 	3K / 5K / 8K / 10K
ANC	<ul style="list-style-type: none"> • ESS-3U-48100 • 5kWh wall-mounted system • ESS-4.5U-48150 • ESS-3U-48150 • 1P/2P16S 	3K / 5K / 8K / 10K
DYNESS	<ul style="list-style-type: none"> • B4850/B3 • A48100 • B51100 • BX51100 • DL3.6 • DL5.0 • DL5.0C • DL5.0X • PowerDepot H5B • PowerBoxPro 	3K / 5K / 8K / 10K
PAND	<ul style="list-style-type: none"> • Powerfree Rack/Powerfree Cube 	3K / 5K / 8K / 10K

BRAND	BATTERY MODEL	ENCORE HYBRID MODEL
Uzenergy	<ul style="list-style-type: none"> • PLPA-L1-5K1 • PLPA-L1-10K2 	3K / 5K / 8K / 10K
CITCHI	<ul style="list-style-type: none"> • General 	3K / 5K / 8K / 10K
RITAR	<ul style="list-style-type: none"> • BAT-5KWH-51.2V • BAT-10KWH-51.2V • BAT-10KWH-51.2V-150A • BAT-10KWH-51.2V-200A 	3K / 5K / 8K / 10K
Alpha Ess	<ul style="list-style-type: none"> • M4856-P/SMILE BAT 	3K / 5K / 8K / 10K
BLUESUN	<ul style="list-style-type: none"> • BSM48280H • BSM48106 • BSM48212W • BSM48106W • BSM4850LP • BSM48106LP 	3K / 5K / 8K / 10K
GSL ENERGY	<ul style="list-style-type: none"> • GSL051100A-B-GBP2 • GSL051200A-B-GBP2 • GSL051280A-B-GBP2 • ZnP48100ESA1 • GSL-51-100 • GSL-51-200 	3K / 5K / 8K / 10K
ELITE Energy	<ul style="list-style-type: none"> • ELT5-5LEU • ELT10-5LEU • ELT15-5LEU • ELT512100R • ELT512200W • ELT5000 • ELT512100W • ELT512280F • ELT512300F 	3K / 5K / 8K / 10K
X-ratong	<ul style="list-style-type: none"> • 48V 100Ah • 48V 200Ah • 51.2V 100Ah • 51.2V 200Ah 	3K / 5K / 8K / 10K
Tgpro Power	<ul style="list-style-type: none"> • TH-51100-SP-100Ah • TH-51100-SP-200Ah • TG-ESS-5000 • TG-ESS-6000 • TG-ESS-8000 • TG-HYB-5000 • TG-HYB-6000 	3K / 5K / 8K / 10K
PYTES	<ul style="list-style-type: none"> • E-BOX 4850 • E-BOX 48100C • E-BOX 48100R • Pytes V5° / V5°α 	3K / 5K / 8K / 10K
SUVR	<ul style="list-style-type: none"> • LFP4805 • LFP4810 	3K / 5K / 8K / 10K
Felicity Solar	<ul style="list-style-type: none"> • LPBA48100 • LPBA48170 • LPBF48250 	3K / 5K / 8K / 10K
TAICO	<ul style="list-style-type: none"> • TK2800 	3K / 5K / 8K / 10K
DMEGC	<ul style="list-style-type: none"> • L01-48100/L02 	3K / 5K / 8K / 10K

BRAND	BATTERY MODEL	ENCORE HYBRID MODEL
GenixGreen	• BOX-2	3K / 5K / 8K / 10K
RENON POWER	• Xtreme LV	3K / 5K / 8K / 10K
PCHNE	• M15S100BL-U -48V • M16S100BL-U - 51.2V • M16S200BL-U-51.2V • M16S280BL-U-51.2V	3K / 5K / 8K / 10K
LVG00	• LVG00 48V 100Ah • LV48V184D • LVG00 48V 200Ah • LV48V100D • LVG00 48V 300Ah	3K / 5K / 8K / 10K
Steltec	• TE-BSG-5220	3K / 5K / 8K / 10K
Olipower	• 5K3-XP-EU	3K / 5K / 8K / 10K
Hoenergy	• lbat-R-5.12L	3K / 5K / 8K / 10K
GOTION	• 48100 Low voltage battery	3K / 5K / 8K / 10K
Huayu	• RBL-5.12K-48/LFPWall-5000	3K / 5K / 8K / 10K
Evlithium	• 51.2V 100Ah Server Rack (1P16S)	3K / 5K / 8K / 10K
CFE	• CFE5100	3K / 5K / 8K / 10K
E10P10	• E10P10-01	3K / 5K / 8K / 10K
Far East Battery (FEB)	• 5320-W1	3K / 5K / 8K / 10K
Lithium Valley	• LV-BAT-R5.12AaEU	3K / 5K / 8K / 10K
Sunwoda Energy	• SunESS/Atrix/Atrix basic/MonaWall	3K / 5K / 8K / 10K
Shoto	• SDC10-Box5 (5.12kWh 100AH)	3K / 5K / 8K / 10K
BYD	• FinDreams 5kWh LV	3K / 5K / 8K / 10K
Lithion	• 48V100AH/15S	3K / 5K / 8K / 10K

Disclaimer

The information in this compatibility matrix is provided for reference purposes only. While Freedom Won (Pty) Ltd has taken care to ensure accuracy, compatibility may vary depending on firmware versions, installation conditions, and other factors beyond our control.

Installers and users must confirm compatibility directly with the relevant manufacturers before installation. Freedom Won (Pty) Ltd accepts no responsibility for any loss, damage, or performance issues resulting from reliance on this information. Specifications and compatibility details are subject to change without prior notice.