



INVERTER *Lithium Battery*



60
— MONTHS —
WARRANTY

TECHNICAL SPECIFICATIONS

Brand	VACUNA	VACUNA	VACUNA	VACUNA
Battery Model	LFP12.8V100	LFP25.6V100	LFP12.8V200	LFP51.2V100
Nominal Voltage	12.8V	25.6V	12.8V	51.2V
Nominal Capacity	100Ah	100Ah	200Ah	100Ah
Energy	1280Wh	2560Wh	2560Wh	5120Wh
Battery KWH	1.28	2.56	2.56	5.12
Chemistry	LiFePO4 (LFP)	LiFePO4 (LFP)	LiFePO4 (LFP)	LiFePO4 (LFP)
Cycle Life	>3000 Cycles @ 80% DOD	>3000 Cycles @ 80% DOD	>3000 Cycles @ 80% DOD	>3000 Cycles @ 80% DOD
Charge Voltage (V)	14.4 ± 0.2V (Max 14.6V)	28.8 ± 0.2V (Max 29.2V)	14.4 ± 0.2V (Max 14.6V)	57.6 ± 0.2V (Max 58.4V)
Max Continuous Discharge	100A	100A	200A	100A
Body Type	Metal (Table Wall Mount)	Metal (Table Wall Mount)	Metal (Table Wall Mount)	Metal (Wall Mount)
BMS Rating	100A Continuous	100A Continuous	100A Continuous	100A Continuous
No. of cells in Series	4S	8S	4S2P	16S
Operating Temperature	0°C to 55°C	0°C to 55°C	0°C to 55°C	0°C to 55°C
Storage Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Demensions (mm) LxWxH	280 x 210 x 180 mm	370 x 290 x 160 mm	370 x 290 x 160 mm	625 x 530 x 140 mm
Gross Weight (Kg)	12.5kg	22.3kg	22.3kg	44.8kg

Key Features

- High-performance LiFePO4 Chemistry
- Zero Maintenance Battery
- Fast Charging Compatible
- Deep Discharge Protection
- High Cycle Life (>3000 Cycles)
- Strong BMS With 100A Continuous Output
- Short-Circuit & Overcurrent Protection
- Thermal Protection & Cell Balancing

