



# LITHIUM BATTERY

FOR ENERGY SOLAR SYSTEMS



## Li-ion BATTERIES

RESIDENCIAL USE - HYBRID

OFF GRID SYSTEMS | HYBRID SYSTEMS | PEAK SHAVING

[www.lithiumvolts.com](http://www.lithiumvolts.com)



## RESIDENTIAL ENERGY STORAGE BATTERY (RACK-MOUNTED)

Parameters	
MODEL	LVL-5K
Nominal Voltage/V	51.2
Rated Capacity (5HR)/Ah	100
Cell Type	LFP(LiFePO4)
Energy/kWh	5.12
Maximum Charge Current/A	100
Maximum Discharge Current/A	100
Discharge Voltage/Maximum Charge/V	43.2/57.6
Weight/KG	Aprox. 43
Dimensions (W*D*H)(mm)	442*431*177
Cycle Life	≥6000 cycles @ 80% DOD
Max Number of Parallel Connections	Up to 15 units
Display	LCD Display
Protocol	RS485, RS232, CAN
IP Class	IP31
Design Life	15 years
Operate Temperature	Charging 0 to +45°C Discharging: -10 to +55°C
Outer Package Materia	SPCC
Compatible Inverters	Victron, PYLON, Sacolar, Deye, Growatt, Sofar, Voltronic, LUX, Schenider, Afore, Sinexcel, SUNGROW, Sorotec, GoodWe, KSTAR, SRNE, Must, Megarevo, So-Ark, INVT, Aiswei, TBB, SAKO, Solis, SMA,, SMK, BlueSun

**Respaldando  
el Futuro.**

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