

Ktech Solar New Lithium Battery

To Replace Lead Acid Battery



- LiFePO4 safe battery chemistry
- 65% lighter than lead acid
- Same case as lead acid
- Modular , can be in series to increase capacity
- Easy installation and replacement

- 10+ years life design
- Built in BMS to keep safe
- 90%DOD and quick charge/discharge
- Free maintenance
- up to 5 years warranty



Ktech Solar KS-R12L Lithium Battery



Technical Specification

Model	KS-R12L
Battery Type	12.8V 100AH LiFeP04
Battery Module	1Module
Usable Energy(KWh)	1.15
Max Output Power(W)	640
Peak Output Power(KW)	1.2, 3s
Round-Trip Efficiency	≥ 98%
Nominal Voltage(V)	12.8
Nominal Charge/Discharge Current(A)	50
Operating Voltage Range(V)	11.2-14.4
Dimension[W*H*D,mm]	260*168*209
Net Weight[Kg]	10
Gross Weight[Kg]	11
Enclosure Protection Rating	IP 55
Standard Warranty	3 Years
Cycles Life	>4,000
Ambient Temperature Range[°C]	-10~ + 50
Depth of Discharge	90%
Certification&Safety Standard	UL1973/IEC62619/UN38.3
Scalability	Max.4 Pcs in Series