



Ktech Solar Safe and Reliable Energy Storage Solutions With Continual Innovation

Ktech Solar is a world famous brand and manufacturing plant in China. It specialises in lithium batteries, energy storage systems, hybrid solar systems for many years. KTECH Series is designed with LiFePO4 chemistry battery, which has been widely recognised as one of the safest battery technologies. It can be wall mounted or floor landing. Ktech Solar batteries offer up to 6,000 cycles life with 5 years standard quality warranty. The Ktech Series is designed for residential and commercial applications with absolute safety and reliability. You can flexibly extend from 5KWH to 75KWH system.

Features

- LiFePO4 Safe Battery Chemistry
- Easy Installation and Uninterruptible Maintenance
- Wall Mounted, Flexible Extension Life Time
- Safety Protection and Easy Move
- Up to 6,000 Cycles at 90% DOD
- 5 Years Warranty



Modular



Scalable



Intelligent



Optional IC/IC





Technical Specification

Model	KS-R06	KS-R12
Battery Type	12.8V 50AH LiFeP04	12.8V 100AH LiFeP04
Battery Module	1Module	
Usable Energy(KWh)	0.58	1.15
Max Output Power(W)	640	640
Peak Output Power(KW)	1.2, 3s	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]	223*150*175	330*173*215
Net Weight[Kg]	5.6	11
Gross Weight[Kg]	6.4	12
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	