



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	K3-2.56	K5-5.12	K10-10.24
Battery Type	LiFePo4		
Battery Capacity	2.56KWh	5.12KWh	10.24KWh
Inverter Power	1.5KW	3KW	5KW
Peak Power	4.5KW	9KW	15KW
AC Output Voltage	100-120V/220-240V		
Output Frequency	50/60Hz		
Output Waveform	Pure Sine Wave		
Output Efficiency	>90%		
AC Charge Current	Max 30A		
Max PV Input Power	1040W	2080W	3120W
MPPT Charging Current	24V 40A	48V 40A	48V 60A
Cooling Method	Auto Fan Cooling		
Protection	Short Circuit,Over Charge/Discharge		
Working Temperature	-20°C - 60°C		
Enclosure Protection Rating	IP30		
Dimension(W*H*D, mm)	592*820*261	592*820*261	632*1120*271
Weight (Kg)	60	90	140
Warranty	2 Years		
Certificates	CE ,TUV,IEC, RoHs		



Model	KS - W5	KS - W10
Battery Type	48V 100 AH LiFeP04	48V 200Ah LiFeP04
Nominal Energy(KWh)	4.8	9.6
Usable Energy(KWh)	4.32	8.64
Max Output Power(KW)	4.8	4.8
Peak Output Power(KW)	9.6, 3s	9.6, 3s
Round-Trip Efficiency	≥97.3%	
Nominal Voltage(V)	48	
Nominal Charge/Discharge Current(A)	50/50	100/100
Operating Voltage Range(V)	42-54	
Dimension[W*H*D,mm}	415*485*240	520*640*240
Net Weight(Kg)	48	90
Gross Weight(Kg)	50	92
Enclosure Protection Rating	IP 21	
Warranty	5 Years	
Cycles Life	> 4,000	
Ambient Temperature Range[°C]	-10 - 50	
Depth of Discharge	90%	
Certification&Safety Standard	UL1973/ IEC62619/UN38.3	
Scalability	Max 15 Pcs in Parallel	



Model	KS - G5	KS-G10
Battery Type	48V 100 AH LiFeP04	48V 200Ah LiFeP04
Nominal Energy(KWh)	4.8	9.6
Usable Energy(KWh)	4.32	8.64
Max Output Power(KW)	4.8	4.8
Peak Output Power(KW)	9.6, 3s	9.6, 3s
Round-Trip Efficiency	≥97.3%	
Nominal Voltage(V)	48	
Nominal Charge/Discharge Current(A)	50/50	100/100
Operating Voltage Range(V)	42- 54	
Dimension[W*H*D,mm}	442*550*156	442*530*232
Net Weight(Kg)	41	85
Gross Weight(Kg)	43	87
Enclosure Protection Rating	IP 21	
Warranty	5 Years	
Cycles Life	> 4,000	
Ambient Temperature Range[°C]	-10 - 50	
Depth of Discharge	90%	
Certification&Safety Standard	UL1973/ IEC62619/UN38.3	
Scalability	Max 15 Pcs in Parallel	



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	



Technical Specification

Model	KS-R26	KS-R38
Battery Type	12.8V 200AH LiFeP04	12.8V 300AH LiFeP04
Battery Module	1Module	
Usable Energy(KWh)	2.30	3.5
Max Output Power(KW)	1.28	1.28
Peak Output Power(KW)	2.6, 3s	2.6, 3s
Round-Trip Efficiency	≥ 98%	
Nominal Voltage(V)	12.8	
Nominal Charge/Discharge Current(A)	100	
Operating Voltage Range(V)	11.2-14.4	
Dimension[W*H*D,mm]	484*171*241	484*171*241
Net Weight[Kg]	21	28.8
Gross Weight[Kg]	22	29.8
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	

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