



Ktech Solar Safe and Reliable Energy Storage Solutions With Continual Innovation

Ktech Solar company is a world famous brand and manufacturing plant in China . It specialises in lithium batteries,energy storage systems ,on/off grid solar systems for couple of years. KTECH series is designed with LiFePO4 chemistry battery, which has been widely recognised as one of the safest battery technologies. This series is designed for commercial and high voltage applications with absolute safety and reliability. You can flexibly extend from 1.9 KWH to 10 GWH system.

Features

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



Modular



Scalable



Intelligent



Optional 2C/2C





Model	KS-G19 HV
Battery Type	38.4V 50AH LiFePO4
Battery Module	1Module
Usable Energy(KWH)	1.73
Max Output Power(KWH)	1.92
Peak Output Power(KW)	3.8, 30s
Round-Trip Efficiency	≥ 95.3%
Nominal Voltage(V)	38.4
Nominal Charge/Discharge Current(A)	100A
Self Discharging Rate	<2.7%
Operating Voltage Range(V)	32.4-42
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes
Communication	CAN/RS485
Dimension[W X H X D,MM]	436*300*130
Weight[kg]	27
Gross Weight[kg]	31
Enclosure Protection Rating	IP 21
Warranty	10 years
Cycle Life	>6000
Ambient Temperature Range[°C]	-10~ + 50
Depth of Discharge	90%
Certification&Safety Standard	IEC62619/UN38.3
Scalability	Customised



Model	KS-G46 HV
Battery Type	38.4V 120AH Li FeP04
Battery Module	1Module
Usable Energy(KWH)	4.14
Max Output Power(KWH)	4.6
Peak Output Power(KW)	9.2, 30s
Round-Trip Efficiency	≥ 95.3%
Nominal Voltage(V)	38.4
Nominal Charge/Discharge Current(A)	120A
Self Discharging Rate	<2.7%
Operating Voltage Range(V)	32.4-42
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes
Commiuncation	CAN/RS485
Dimension[W X H XD,MM]	436*390*220
Weight[kg]	51
Cross Weight[kg]	55
Enclosure Protection Rating	IP 21
Warranty	10 years
Cycle Life	>6000
Ambient Temperature Range[°C]	-10~ + 50
Depth of Discharge	90%
Certification&Safety Standard	IEC62619/UN38.3
Scalability	Customerised

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