

C&I ALL-IN-ONE

Power Utility



High pressure danger,
do not approach



ke heng Lithium Battery
<https://www.keheng-battery.com>



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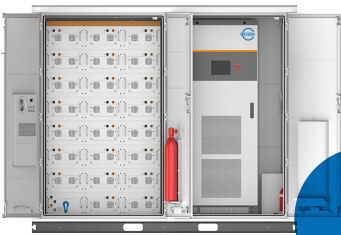


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Features and Advantages

- All-in-one energy storage system complete with suppression and intelligent controller
- Modular and scalable design
- Maximum safety utilizing the safest type of lithium battery chemistry (LiFePO4) combined with an advance 3-level battery management system
- Outstanding performance and long lifespan
- Optimized for both on-grid and off-grid applications
- Full turnkey solution with quick installation



ESS Solution	30KW/60KWh	50KW/100KWh	100KW/200KWh	150KW/401KWH	250KW/602KWH
Battery					
Battery Type	Lithium Iron Phosphate(LiFePO ₄)				
Nominal Voltage	409.6V	512V	716.8V	716.8V	716.8V
Nominal Capacity	160Ah	200Ah	280Ah	560Ah	840Ah
Rated Energy	65.5KWH	102KWH	200KWH	401KWH	602KWH
Voltage Range	358.4~467.2V	448~584V	627.2~817.6V	492.8~642.4V	537.6~700.8V
Standard Charge Current(0.3C)	48A	60A	84A	168A	252A
Max.Continuous Charge Current(0.5C)	80A	100A	140A	280A	420A
Max.Continuous Discharge Current(0.53C)	84.8A	106A	150A	296.8A	445.2A
PCS(AC Side)					
Rate Output Power	30KW	50KW	100KW	150KW	250KW
Max Output Power	33KW	55KW	110KW	165KW	275KW
Rated Voltage	400V				
Voltage Range	320~460V				
Rated Current	43A	72A	144A	216A	361A
Rated Frequency	50/60 Hz				
THDi	< 3%				
Power Factor	1lagging-1leading				
AC Connection	3W+N+PE				
Transformer Ratio	100/400	200/400	270/400	270/400	270/400
Overload Capacity	110% long-term				
THDU	≤1% linear; or≤5% nonlinear				
PV Input(DC Side)					
Max.PV Input Voltage	1000V				
Max.PV Power	36KW	60KW	120KW	180KW	300KW
MPPT Voltage Range	250~850V				
MPPT Voltage Range@full load (V)	450~850V				
General Data					
Fire Protection	Non pressure storage perfluorohexanone				
Industrial Air Conditioning	1KW	3KW	3KW	5KW	7.5KW
Operation Temperature	-20~60°C				
Relative Humidity	0-95% non-condensing				
Noise Emission	<70 dB				
Cooling	Forced air cooling				
Communication	RS485,CAN, TCP/IP				
Display	ICD touch-screen				
Energy Management System	2 Ethernet interfaces, standard 4Gsupport WIFICAN customization				
Dimension (LxWxH)	1600*1157*2250mm	2650*1157*2250mm	2650*1157*2250mm	3800*1450*2250mm	6850*1650*2250mm
Net Weight	1300kg	1870kg	3350kg	5500kg	8330kg

Application

