

LOW-VOLTAGE STACKABLE BATTERY
INTEGRATED INVERTER SYSTEM

Jama

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- meet lots of scenarios.
et, easy to use.
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- The image shows three mobile storage units of increasing size, arranged from left to right. Each unit has a grey top section with a control panel featuring a small screen and buttons, and a white body with multiple drawers. The units are mounted on wheels for mobility.

Battery Module							
Rated Battery Voltage	48V/51.2V						
Rated Energy	5.12kWh						
Max.Charge And Discharge Rate	1C						
Battery Type	LFP(LiFePO4)						
Weight	45KGS						
Dimensions (L*W*H)(mm)	651*454*154						
System Parameters							
System Structure							
Rated Output Power	5500W						
Number Of Batteries In Parallel	2	3	4	5	6	7	8
Battery Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh	35.84kWh	40.96kWh
MPPT Voltage Range	40~60V						
Operating Temperature	0℃~+50℃(Charging)/-20℃~+60℃(Discharging)						
Storage Temperature	-30℃~+60℃						
Humidity	5%~95%						
Cooling Strategy	Fan						
Ingress Protection Rating	IP20						
Communication	WiFi/RS485/RS232/CAN(Optional)						
Weight	130KGS	175KGS	220KGS	265KGS	310KGS	355KGS	400KGS
Dimensions (L*W*H)(mm)	661*464*670	661*464*824	661*464*978	661*464*1132	661*464*1286	661*464*1440	661*464*1594
Certificate	CE/UN38.3/MSDS						
Inverter							
Rated Output Power	5500W						
Max.Output Current	24A						
Rated Output Voltage	220/230/240VAC						
Rated Frequency	50Hz/60Hz						
Efficiency (DC to AC)	≥92%						
DC Output Voltage	54VDC						
DC Output Current	30A, up to 60A						
Output Wave	Sine Wave						
Output Type	Pluggable Connector						
AC Input Voltage Range	Wide Voltage 120~280VAC/Narrow Voltage 170~280VAC						
AC Input Frequency	50Hz/60Hz						
AC Charging Current Of The Inverter	37A						
Max. PV Power Generation (Recommended)	5000W						
Max.PV Voltage	450VDC						
MPPT Voltage Range	120VDC~450VDC						
Max. PV Charging Current (Battery)	20A						
Weight	23KGS						
Dimensions (L*W*H)(mm)	651*454*164						