



- ▶ EMPS Energy Storage System is an all-in-one solution, which integrates an inverter and a battery into one unit.;
- ▶ Max 1500 cycles lithium battery and has a 5 years service life;
- ▶ The mains activates the lithium battery, and the solar activates the lithium battery function
- ▶ AVR mains input and battery charging, UPS uninterrupted power supply.
- ▶ Convenient and practical 5VDC-USB output port and 12VDC output port;
- ▶ MPPT Controller greatly improving the charging efficiency more than 15%-20%;
- ▶ Overcharge protection and overdischarge protection for a longer battery life;
- ▶ Safe and reliable with intelligent exhaust fan control;
- ▶ Overall automatic protection and alarms including AC output overload protection, short circuit protection. Etc;

Model	KAPA Energie- Li 1000	KAPA Energie- Li 2000
<b>Lithium battery rate voltage</b>	25.9V (7S)	48V (15S1P)
Specification Of Built-in Lithium Battery	1295WH(25.9V-50AH)	2400WH(48V-50AH)
<b>Pure Sinewave Inverter</b>		
Rated Power	1000W	2000W
Input Voltage Range	145VAC-275VAC	
Input Frequency	46HZ-64HZ	
Output Voltage	230VAC	
Output Frequency	50HZ/60HZ	
Output Wave	Pure Sinewave	
<b>Solar Input</b>		
Max. PV Power	820W	820W
Range Of Charging Voltage	34-100VDC	65-150VDC
Rated Charge Current	30A-MPPT	
Voltage for Floating Charge	29.0VDC	53.2VDC
<b>DC Output</b>		
Low Voltage Recovery Voltage	27.3VDC	50.2VDC
Low Voltage Protection Voltage	21.7VDC	42VDC
5VDC USB Output	2 PCS MAX 2A	
12VDC Output Ports	2 PCS MAX 2A	
<b>PHYSICAL</b>		
Protection Grade	IP21	
Display	LCD+LED	
Battery Activation Function	Mains input or Solar Input	
External Size:W*D*H(mm)	430*230*330mm	538*330*481mm
Package Size:W*D*H(mm)	512*310*405mm	635*420*650mm
G.W (Gross Weight)	23kg	58kg