

ENERGY STORAGE SYSTEMS WITH UPS FUNCTION



Product Specification Sheet

- Pure Sine wave 230VAC output
- MPPT solar input
- Programmable Charging & load priority
- Safe and reliable with smart fan control
- Real-time LCD display of device parameters and running status.
- Input and output overload protection
- UPS function with seamless change over ($\leq 20\text{ms}$) from mains to battery back-up



Code	ESS-1KW-LITHIUM	ESS-1.5KW-LITHIUM	ESS-2KW-LITHIUM	ESS-3KW-LITHIUM
AC Outputs				
Rated Power	1000W	1500W	2000W	3000W
Output Voltage	230VAC (pure sine wave)			
AC Outlets	2 x 3-pin SA			
DC Outputs				
12VDC	2 x 2.1mm barrel (4A tot. load)			
USB Outlets	2 x USB-A (5V/2.4A tot. load); 2 x USB-C (5V/3A, 9V/2A)			
Charging				
230 VAC Adaptor	Built-in fast charger (IEC inlet)			
PV Input (MC4)	30-160VDC/1000W	30-160VDC / 1500W		
Battery				
Capacity	1024Wh	1536Wh	2048Wh	3072Wh
Cycle life	≥2000 cycles			
General Specifications				
Physical Diameters	430 x 215 500mm		430 x 215 x 600mm	
Package Includes	AC input cord			