

## PURE SINE WAVE INVERTER TECHNICAL PARAMETERS

Model	JCUP1000S	JCUP1500S	JCUP2000S	JCUP2500S	JCUP3000S	JCUP4000S	JCUP5000S	JCUP6000S
Rated Power	1000W	1500W	2000W	2500W	3000W	4000W	5000W	6000W
Peak Power	2000W	3000W	4000W	5000W	6000W	8000W	10000W	12000W
Switching Mode	Grid First							
Communication	RS485/RS232/Optional							
Switching Time	≤ 10ms							
AC Input Voltage Range	12V-110V:85-145VAC 12V-220V:180-265VAC			24V-110V:85-145VAC 24V-220V:180-265VAC			48V-110V:85-145VAC 48V-220V:180-265VAC	
Charging Current	12V:20A			24V:10A			48V:5A	
Charging Method	Three-stage charging method							
Charging Indication	Charing:green indicator light flashes. Fully Charged:green indicator light always on. Battery is not connected:red indicator light always on.							
Input Charging Port	Socket				Terminal Block			
Input Voltage	12/24/48VDC							48VDC
Output Voltage	120V							
USB Output	5V 1000MA							
Frequency	60HZ±1HZ							
Output Wave Form	Pure Sine Wave							
Soft Start	Yes							
THD AC Regulation	THD < 3%							
Output Frequency	94.2% Max							
No-Load Current (<)	12V-110V:2.8A		24V-110V:1.5A		48V-110V:0.8A		12V-220V:2.8A 24V-220V:1.5A 48V-220V:0.8A	
Input Voltage Range	12V-110V:10V-15V		24V-110V:20V-31V		48V-110V:20V-31V 12V-220V:10V-15V 24V-220V:20V-31V 48V-220V:20V-31V			
Under-voltage Alarm Value	12V:10±0.5V		24V:21±0.5V		48V:41±1V			
Cooling Way	Intelligent Cooling Fan							
Protection	Battery under-voltage, Over-voltage Protection, Output Overload Protection, Over-Temperature Protection, Short-circuit Protection, Anti-reverse Connection Protection (Optional)							
Working Temperature	(-10°C +60°C For Civilian Grade, -25°C +60°C For Industrial Grade, -40°C +70°C For Military Grade, Temperature Adjustable)							
Storage Temperature	(-30°C - 70°C)							
Humidity	90%Max,without moisture condensation							
Warranty	2 Years							
Product Size	36.5*16.5*9/CM	40*16.5*9/CM	43.5*16.5*11.3/CM	43.5*16.5*11.3/CM	45*21.2*15.2/CM	49.7*21.6*15.1/CM	61*21.6*15.1/CM	61*21.6*15.1/CM
Net Weight/Gross Weight	2.8KG/3.24KG	3.62KG/4.06KG	5.04KG/5.92KG	4.04KG/5.92KG	8.9KG/10.12KG	11.14KG/13.4KG	13.56KG/16.08KG	14.15KG/13.4KG