

# Co-Watt

## Pure Sine Wave Inverter D.S.P Controller

A device that converts electrical energy  
of DC form into that of AC  
with digital technology



Parameters		JC1230	JC2430	JC2440	JC2450	JC4830	JC4840	JC4850	JC4860
DC Input voltage		12V		24V				48V	
DC Voltage Standard		13.4V		26.8V				53.6	
AC Voltage Standard		AC225V		AC225V				AC225V	
Output Power Condition		3000W	3000W	4000W	5000W	3000W	4000W	5000W	6000W
Surge Rating		6000W	6000W	8000W	10000W	6000W	8000W	10000W	12000W
Efficiency rated Power		90%		91%				92%	
THD [max]		1500W <2.5%	1500W <2.5%	2000W <2.5%	2500W <2.5%	1500W <2.5%	2000W <2.5%	2500W <2.5%	3000W <2.5%
No Load Current	No Fan	2.3A	1.3A	1.5A	1.7A	0.7A	0.8A	0.9A	1A
	On Fan	2.9A	1.7A	1.8A	2.0A	0.9A	0.9A	1.0A	1.3A
Low Battery Shut Down		10.2V		20.2V				40.2	
Low Battery Return On Power		11.2V		22.2V				42.5V	
High Battery Shaut Down		17.2V		31.7V				61.0V	
High Battery Return On Power		15.2V		30.0V				59.0V	
Frequency		50Hz		50Hz				50Hz	
Over Tempetature Protection		-25C-+75C		-25C-+75C				-25C-+75C	
Over Temperature Power On		58C		58C				58C	
Output Waveform		Pure Sine Wave	Pure Sine Wave (D.S.P. Controller)			Pure Sine Wave (D.S.P. Controller)			
Cooling Fan		44C		44C				44C	
Insulation Transform		2KV-2.5KV		2KV-2.5KV				2KV-2.5KV	
Over Load Protection	Input Fuse	9*40A	5*40A	5*40A	2*30A	2*40A	3*40A	2*40A 2*30A	4*40A
	Output Sensor	30A	30A	30A	30A	30A	30A		
	AC Outlet/Terminal	16A	16A	16A	2*16A	16A	2*16A	2*16A	2*16A
Dimention		570*268*100	570*268*100	570*268*100	730*268*100	570*268*100	570*210*100	730*268*100	730*268*100
Weight		7.3Kg	7.3Kg	8.9Kg	11Kg	7.3Kg	8.9Kg	11Kg	11.8Kg