

# 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		JC1210	JC1215	JC1220	JC2410	JC2415	JC2420	JC4810	JC4815	JC4820
DC Input voltage			12V			24V			48V	
DC Voltage Standard			13.4V			26.8V			53.6	
AC Voltage Standard			AC220V			AC220V			AC220V	
Output Power Condition		1000W	1500W	2000W	1000W	1500W	2000W	1000W	1500W	2000W
Surge Rating		2000W	3000W	4000W	2000W	3000W	4000W	2000W	3000W	4000W
Efficiency rated Power			91%			93%			94%	
THD [max]			1000W <2.5%			1000W <2.5%			1000W <2.5%	
No Load Current	No Fan	0.9A	1.1A	1.39A	0.6A	0.74A	0.76A	0.32A	0.34A	0.4A
	On Fan	1.3A	1.45A	1.84A	0.7A	0.82A	1.01A	0.41A	0.49A	0.6A
Low Battery Shut Down			10.2V			20.2V			40.2	
Low Battery Return On Power			11.2V			22.2V			42.5V	
High Battery Shut Down			17.2V			31.0V			61.0V	
High Battery Return On Power			15.2V			30.0V			59.0V	
Frequency			50Hz			50Hz			50Hz	
Over Temperature Protection			-25C-+75C			-25C-+75C			-25C-+75C	
Over Temperature Power On			58C			58C			58C	
Output Waveform		Pure Sine Wave (D.S.P Controller)			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	2*40A	4*40A	6*40A	2*30A	2*40A	3*40A	1*30A	1*40A	2*30A
	Output Sensor	1*30A	--	--	--	--	1*30A	1*20A	1*20A	1*20A
	AC Outlet/Terminal	20A	30A	30A	20A	30A	30A	20A	30A	30A
Dimension		290*210*100	400*210*100	440*210*100	290*210*100	400*210*100	440*210*100	290*210*100	400*210*100	440*210*100
Weight		3.8Kg	4.8Kg	5.9Kg	3.8Kg	4.8Kg	5.9Kg	3.8Kg	4.8Kg	5.9Kg