



## DSP SINE WAVE TECHNOLOGY

10KVA - 360 V 3 phase input 3 phase out put

### TECHNICAL SPECIFICATIONS

Type	3 phase input 3 phase output									
Series	Pure Sine Wave inverter									
Technology	DSP based PWM technology using IGBT									
Rating	10KVA	15KVA	20KVA	25 KVA	30KVA	40KVA	50KVA	65KVA	80KVA	100KVA
Model No	CL3310K	CL3315K	CL3320K	CL3325K	CL3330K	CL3340K	CL3350K	CL3365K	CL33800K	CL33100K

### INPUT PARAMETERS

Input Supply	3 phase ,4 wire
Voltage Range	280-450 V AC(P-P)
Frequency Range	43-57Hz

### OUTPUT PARAMETERS

Power factor	0.8
Voltage Regulation	220V±5%
Frequency range	50Hz±0.05Hz
Peak Efficiency	>88%
Output Waveform	Pure Sine Wave
Total Harmonic Distortion	<3%
Crest Factor	>3:1
OverHanding capacity	110% for 8 mins,150% for 15 sec,200% for 4 sec
Translent Response	Recovery to ± 5% within 1.5 cycle

### BATTERY PARAMETERS

Battery Type	12V/26-180Ah	2V/12V/100-1500Ah
Battery voltgae(normal)	360V DC	
Battery charging Current	3A ± 0.5A to 20A ± 0.5A	10A ± 0.5A to 150A ± 2.0A

### ENVIRONMENTAL PARAMETERS

Operating Temperature	0-45 C		
Acoustic noise(at 1 mts)	<55dB	<60dB	<65dB
Relative Humidity	max 95% non-condensing		

### OTHERS

Indications &Alarms	backet 20x4 lines LCD Screen with Indication & Alarms									
Protection Class	IP20									
Dimensions-WxDxH(in mm)	450x700x700	450x700x750	640x660x790	735x790x1450	800x1000x1550					
Weight(in kgs)	145	198	208	220	240	300	375	450	550	650

\* Errors expected and possible alterations without prior notice.

## GREEN ENERGY LLC / GESOLAR FZ LLC

(An ISO 9001:2000 certified company)