

SEYON POWER SYSTEMS (P) LTD

Old No: 14/2, New No: 6/2, West Canal Bank Road, Kottur, Chennai – 600 085.
Ph: 044 – 65485556, 044 – 24418680, 9543095939, 9500003644.



Technical Specifications SEYON SOLAR SERIES

Capacity	VA/Watt	1.2KVA/800W	2.4KVA/1600W	3.6KVA/2400W	5KVA/4000W	6KVA/6000W	8KVA/8000	
		SSI 1212	SSI 2424	SSI 3624	SSI 5024	SSI 6048	SSI 8048	
Input	Nominal Voltage		110/115/120Vac or 220/230/240AC					220/230/240Vac
	Voltage Range	Acceptable Voltage Range	60-135 Vac or 120-270 Vac					120-270 Vac
		Frequency	45 Hz - 70 Hz Auto sensing					
		Low Voltage Transfer	60Vac+/-2% ; 120 Vac+/-2%					120 Vac +/-2%
		Low Voltage Return	65Vac +/- 2% ; 130 Vac +/- 2%					130 Vac +/- 2%
		High Voltage Transfer	135 Vac +/- 2% ; 270 Vac +/- 2%					270 Vac +/- 2%
		High Voltage Return	130 Vac +/- 2% ; 260 Vac +/- 2%					260 Vac +/- 2%
Output	Voltage		110/115/120 Vac or 220/230/240 Vac re-settable via LCD panel					
	Voltage Regulation (Bat Mode)		<3% RMS for entire battery voltage range					
	Frequency regulation	Line Mode	Synchronized to AC Main					
		Battery Mode	50 Hz or 60 Hz +/- 0.1 Hz					
	Power Factor		0.67		0.8		1.0	
	Wave Form		Pure Sine Wave					
	Efficiency		>75%		>80%			
	Overload Protection	Line Mode	>110%,then Buzzer Alarm and Amber LED Blink Continuously					
		Battery Mode	110% - 150% for 30 sec; > 150% for 200ms,then Ups shuts Down					
	Short circuit Protection	Line Mode	Circuit Breaker					
Battery Mode		Electronic Circuit						
DC Start	Cold Start		Yes					
Transfer Time	Typical		< 8 ms					
Battery	Battery Voltage		12 V DC	24 V DC			48 V DC	
	Backup Time		Depends on batteries connected (Max Batter capacity recommended 400 to 600 AH)					
	Recharging Current		>40A	>50A		>60A		
Control Panel	LCD Display		UPS status, I/P & O/P Voltage Frequency, Load level					
	LED Display		Battery Voltage & Level, Temperature , Model					
Audible Alarm	Battery Mode		Beeping every 4 seconds					
	Low Battery		Beeping every seconds					

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	UPS Fault	Beeping Continuously
	Overload	Beeping twice per second
Parameter Re-settable		Voltage, Frequency, 5 steps Charge current
Environment	Operation Temperature	0-40 degree C; 32-104 degree F
	Relative Humidity	0-95% non-condensing
	Audible Noise	Less than 55dBA (at 1M)
Safety Conformance	safety Standard	EN62040-1-1
	EMC	EN62040-2
	Marks	CE,cUL,UL
Solar Charger	Separate port for solar power input	For all models

*As standards, Specification and designs change from time to time, Please ask for Conformation of the information given the publication.

