

Type	1 Phase Input - 1 Phase Output									
Series	Sinclair-i									
Technology	High Frequency Online UPS									
MODEL	Sinclair-i									
Capacity	1kVA	1KVAKS	2kVA	2KVAKS	3kVA	3KVAKS	6kVA	6KVAKS	10kVA	10KVAKS
<b>INPUT PARAMETERS</b>										
No. of Phases	1Phase-3Wire (P.N.E)									
Voltage Range	110- 300Volts $\pm$ 5Volt(Load dependant)					176 -276Volts $\pm$ 5Volt				
Input Power Factor	>0.97 at Full Load					>0.98 at Full Load				
Input Frequency Range	46 to 54Hz.									
<b>OUTPUT PARAMETERS</b>										
Power	700 W		1400 W		2100 W		4200 W		7000 W	
Load PF Range	0.65 lagging to 1.0									
Phase	1 Phase -3 Wire (P.N.E)									
Output Waveform	Pure Sine Wave									
Voltage	220/230/240VAC +/- 2% ( selectable )									
Frequency	Synchronization Range 46-54Hz, Slew Rate 1Hz/Sec, Battery Mode (50 $\pm$ 0.2) Hz									
Load Crest Factor	> 3:01									
Output Voltage THD	< =3% on Resistive full load									
Loading Capacity	110% ~ 150%: for 0.5s , fault after 30s,					105% ~ 130%: Transfer to bypass after 10 min.				
	> 150%: fault after 300ms,					>130%: Transfer to bypass after 1s, shutdown after 1 min.(Line mode)				
	auto recovery									
<b>BY-PASS</b>										
Maintenance By-Pass	Static By-Pass									
<b>BATTERIES</b>										
No of 12V Batteries	3		8		8		20		20	
Voltage	36VDC		96VDC		96VDC		240VDC		240VDC	
Battery Backup Time	>5 min.	User Defined	>9min.	User Defined	>5min.	User Defined	8min.	User Defined	5min.	User Defined
Recharge Time	5hr. charge to 90%	(User Defined)	5hr. charge to 90%	(User Defined)	5hr. charge to 90%	(User Defined)	8hr. recharge to 90%	(User Defined)	8hr. recharge to 90%	(User Defined)
Charging Current	1A	(8 $\pm$ 1)A	1A	(8 $\pm$ 1)A	1A	(8 $\pm$ 1)A	2A	(4.2 $\pm$ 0.2)A	2A	(4.2 $\pm$ 0.2)A
<b>GENERAL</b>										
Indication	LCD pannel									
Alarm	Mains Failure, Battery Low, Over Load & Short Circuit									
Protection	Short Circuit, Over Voltage & Under Voltage Protection									
Cooling	Forced Air Cooling									
UPS Efficiency	85%		85%		85%		88%		88%	
Operating Temperature	0-45DegC									
Operating Humidity	95% Condensing									
Monitoring Software	Additional Software available for remote monitoring									
Acoustic Noise	< =45db at 1 Metre									
UPS Weight (With Batteries)	13.3kg	7kg	32kg	15kg	32.2kg	14.5kg	84kg	35kg	93kg	38kg
Dimension (W x D x H)	(145 x 220 x 400)mm		(195 x 330 x 455)mm		(195 x 330 x 455)mm		(260 x 717 x 570)mm		(260 x 717 x 570)mm	