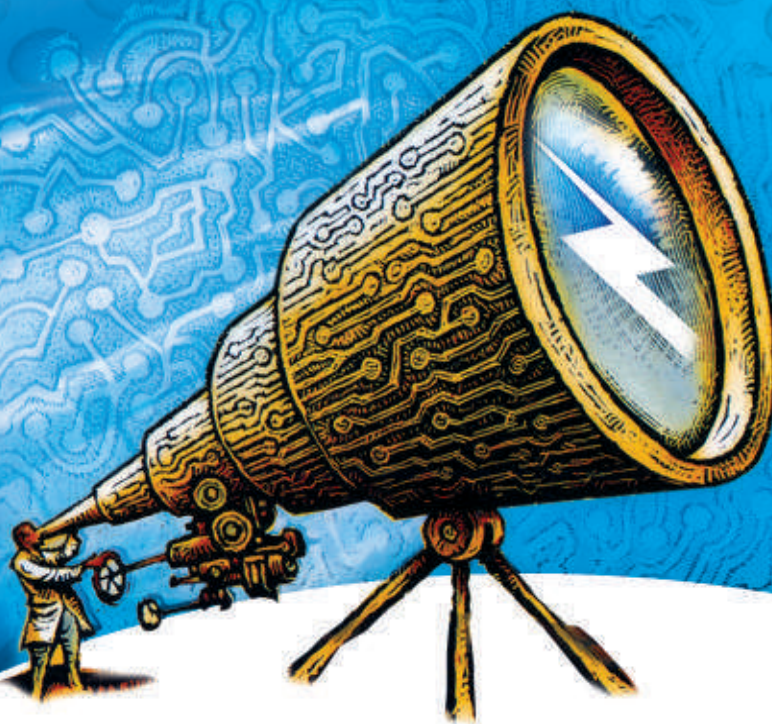




"Tomorrow's Technology, Made Available Today"



"Transformerless
HighFrequency
designwith32Bit
Microprocessor
withrobust
processingpower
andintelligent
SNMP/RS232slot
forremote
monitoring
functionare
someofthe
advanced
featuresof
Tomorrowthat
aremade
availabletoyou
Todayonlyby
Sintel "

Online UPS

Power Factor
Correction
Circuit



32 Bit
Microprocessor
based



RS 232
&
SNMP slots



>90%

Efficiency
upto
90%

Low
Operating
Noise



High IGBT
converting
Efficiency

1 ϕ -1 ϕ

MODEL(RatingKVA)	1	2	3	5	6	7.5
Input						
InputVoltage	Singlephase230VAC,50Hznominal(3Wire)					
InputVoltageRange	160-270VAC					
InputFrequencyRange	45-55Hz					
Output						
Outputvoltage	1phase230V \pm 1%or220V \pm 1%or110V \pm 1%(onlyone)* (provideground)					
Outputfrequency	50Hz \pm 0.1%or60Hz \pm 0.1%optional(onlyone)					
OutputPowerfactor	0.8laggingtounity					
Inverter						
Technology	MicroProcessorBasedHighFrequencyPWM,IGBT					
Outputoverloading	100%-continuous,120%for15mins.&150%for30seconds					
Crestfactor	Betterthan3					
InverterEfficiency	> 90%					
THD	< 2%forlinearload,& < 3%fornonlinearload					
Waveform	PureSineWave					
TransientResponse	\pm 5%recoverswithin5msecfor0-100%load					
PowerWalk-in	20Secs.					
EMI/EMC	AsperFCCclassA					
Noise(audible)	< 50dBat1meter					
Charger	CVCtypeoperatesinBoost,Float&Tricklemode					
BatteryType	SMF,Tubular,LedAcid					
DCBus	36	96		180		
Isolation	TotalIsolationbetweeninput&outputforprotectionagainstsurges&sags					
Protection	InputU/O,OutputU/Ovoltage,Overload,ShortCkt.,DCU/O,Battery					
OperatingTemp&RH	0-50 $^{\circ}$ C&95%(NonCondensing)					
FrontPaneldisplay	Batterylevel,Faultdiagnostic,Alarm(LCDOptional)*					
Chassisdesign	IP21					
Cooling	ForcedAir					
Bypass	Manualbypassswitch					
Staticbypass	OptionalFeature*					
CommunicationInterface	RS-232,SNMPforWindows&Linux(OptionalFeature)*					

*Transformerless,highfrequencydesignsareavailableonlywithsomespecificmodels.

Online UPS



3 ϕ -1 ϕ

MODEL(RatingKVA)	10	15	20	25	30	35	40	50	75	100
Input										
InputVoltage	Threephase415VAC,50Hznominal4Wire&ground									
InputVoltageRange	355-455VAC									
InputFrequencyRange	45-55Hz									
Output										
Outputvoltage	1phase230V \pm 1%or220V \pm 1%or110V \pm 1%(onlyone)*(provideground)									
Outputfrequency	50Hz \pm 0.1%or60Hzoptional									
OutputPowerfactor	0.8laggingtounity									
Inverter										
Technology	MicroProcessorBasedHighFrequencyPWM,IGBT									
Outputoverloading	100%-continuous&120%/150%for15mins./30seconds									
Crestfactor	Betterthan3									
InverterEfficiency	> 90%									
THD	< 2%forlinearload,&< 3%fornonlinearload									
Waveform	Puresinewave									
TransientResponse	\pm 5%recoverswithin5msecfor0-100%load									
PowerWalk-in	20Secs.									
EMI/EMC	AsperFCCclassA									
Noise(audible)	< 60dBat1meter									
Charger	CVCCtypeoperatesinBoost,Float&Tricklemode									
BatteryType	SMF,Tubular,LedAcid									
DCBus	360									
Isolation	Totallisolationbetweeninput&outputforprotectionagainstsurges&sags									
Protection	InputU/O,OutputU/Ovoltage,Overload,ShortCkt.,DCU/O									
OperatingTemp&RH	0-50 $^{\circ}$ C&95%(NonCondensing)									
FrontPaneldisplay	Batterylevel,Faultdiagnostic,Alarm(LCDOptional)*									
Bypass	Static + Manualbypassswitchesprovided									
Chassisdesign	IP21									
Cooling	ForcedAir									
Interface	RS-232,SNMPforWindows&Linux(OptionalFeature)*									

R&Disacontinuousprocess,henceoutlook&specificationsaresubjectedtochange.

Spotlights:

- Compatible with international standards.
- Alarm silencer eliminates the unnecessary annoying noises.
- Cold booting: UPS can be directly started up by the battery pack.
- Static By-Pass.
- Large current charger and long-term supplying power.
- Timer-controlled self-inspection.



CompanyProfile

SintelTechnologiesPvt.Ltd. is one of the leading organisation providing PowerProducts&PowerSolutions.

Established in the Year 1995. It has been providing solutions to Software Companies, Corporates, Institutions & Medical Organisations.

An obsession for quality & futuristic features has always been the driving force behind our intricate products.

Sintel is not only known for providing Total Power Solutions but is also appreciated by esteemed organisations for its Prompt after sales service.

“ Expertise in providing **power solutions** backed with prompt after sales service ”



Our Prestigious Clients



All the above mentioned logos are sole properties of respective organisations & are used here for reference purpose only.

Our Other Products

- Servo Stabilizer
- Line Interactive UPS
- Sine Wave Inverters
- Lift Inverters



SintelTechnologiesPvt.Ltd.

H.O.:
1204, Sadashiv Peth,
Vyankatesh Apts., Pune- 411 030.
Tel.: 020-24488822 / 33 / 44 M: 9823040240

Mumbai Office:
601, 6th floor Kasam Arcade,
Near Jambhali Naka, Thane (W)
Tel.: 022-65829790 M: 9823040240

e-mail: sinteltech@vsnl.net