



Pure Sine Wave
Advanced Hybrid
Solar UPS

CHIME ELECTRONICS
DELHI (INDIA)

Technical Specifications*

Parameters	Normal Mode	UPS Mode
Main AC Voltage Range	200-280 V (Wide)	280 - 310 V
Output Voltage	220V $\pm$ 30V	220V $\pm$ 30V
Output Frequency	50 Hz $\pm$ 0.5 Hz	50Hz $\pm$ 0.5 Hz
Battery Charging Volt. Range	200 to 280 V	280 to 300 V
Charge Over Time	<40 mSec	<10 mSec
Battery Low Cut Voltage	20.5 Vdc	
Charging Current: (mAmps)	Normal Charge - 18A $\pm$ 1A High Charge - 13A $\pm$ 1A	
Output Waveform	Pure Sine Wave	
Normal/UPS Overload	1.2	
Normal/UPS Short Circuit	3	
Technology	DSP based Sine Wave Technology	
Auto Reset Feature	Available	
	1.45 KVA UPS - 20V PV Panel 2 KVA UPS - 20V PV Panel 2.5 KVA UPS - 48V PV Panel 3.5 KVA UPS - 48V PV Panel 5 KVA UPS - 96V PV Panel 7.5 KVA UPS - 120V PV Panel 10 KVA UPS - 120V PV Panel 12 KVA UPS - 182V PV Panel 25 KVA UPS - 240V PV Panel	
Hybrid Solar Charger Controller		
Technology	DSP based intelligent battery charging and Charge Sharing with mains	
Charge Controller Type	PWM based	
Solar PV Current	40 Amps Lower KVA 75 Amps Higher KVA	
Peak Battery Charging Current (Solar)	30 Amps	
Charge Controller Efficiency	>95%	
PV Reverse Polarity Protection	Provided	
Reverse Current flow to PV module Protection	Provided	

*Minimum Ah battery is essential

Sinetrac®



LOAD CHART



Sinetrac UPS 10KVA

OPTIONS	A	B	C	D
COMPUTER				1
PRINTER				1
TELEVISION			1	
TUBE LIGHT	8		6	4
FAN	8		6	4
CFL	4	42	9	

Note: Indicative values only. Actual Calculation depends on manufacturer's specifications.
When PC Charging TM is not recommended. Tube light of 40 W/20 or 14 watt CFL 10 watt.
TV 40 watt Ceiling Fan 10 watts, 1000-1200 watt lamps, HP Laser color hp-printer 500 or 1000 watt.

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