

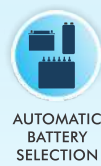


DAEWOO

Making Life Simpler



Introducing SINEWAVE INVERTERS POWERING WIDE RANGE OF ENERGY SOLUTIONS



DAEWOO Introduces SINE WAVE Inverter Products to power your requirement like Home, Office, Industrial and other utilities! You get the state-of-the-art features like a sleek display showing power back-up time, hassle-free battery maintenance and MCB protection. Also it has a special feature of Static **BYPASS SWITCH** instantaneously transfers the load to the mains electricity supply just in case of internal fault or failure with the UPS system.

DAEWOO SINE WAVE Inverter output ensures a safe and noise free operation of Load devices. It offers flexibility to its user to set the charging current and choose between higher backup vs better performance by controlling the output voltage, **12V Inverter models** are available in **900VA, 1100Va & 1250VA** and **24V Inverter Models** are available in **1850VA and 2550VA**. DAEWOO's Inverter series ideal for your household or commercial needs.

APPLICATIONS



*36 Months Comprehensive

SINEWAVE INVERTERS SERIES

SALIENT FEATURES

- **Excellent Design looks**
- **Charging at 12A, 120V AC Input**
- **BYPASS SWITCH:** Instantaneously transfers the load to the mains electricity supply in case of internal fault/failure with the UPS system
- **Wide input charging range:** 100V~300V
- **PFC Technology:** Built-In energy saver
- **Oscillation charging system reduces your bills**
- **Can run 1/2 hp Tullu Water pump on 900VA & above models**
- **Best cooling fan inside for better efficiency & Longer life**
- **High Frequency Technique used to avoid computer rebooting**



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- **TEMPERATURE SENSOR:** Shutdown the UPS at High Temperature
- **CHARGE ANY BATTERY:** Branded/Non-Branded Tubular/Flat Plat or SMF
- **AUTOMATIC CHARGING:** Set Charging Cut-Off Voltage & Current as per Power Cut Duration & Age of the Battery
- **GPM TECHNOLOGY:** Suitable for New/Old Battery
- **COMPLETE PROTECTION FROM:** Short-Circuit, Phase Reversal, AC Back Feed, Thruster Short Circuit, Reverse Battery Connection, High & Low Volt.
- **GREEN MODE:** Shutdown in 10 hrs at No Load in Backup Mode, Saves Battery Backup & Enhances Battery Life
- **12V Inverter models:** 900VA, 1100VA & 1250VA
- **24V Inverter Models:** 1850VA and 2550VA

SINEWAVE HOME UPS

S. No	PARAMETERS	UNIT	DOMESTIC/INDUSTRIEL SERIES			
			12-VOLTS		24-VOLTS	
1	Model name					
2	System rating (Name Plate)	VA	900VA	1100VA	1250VA	1850VA 2550VA
3	Operating DC voltage	V	12		24	
4	Technology Based		Microcontroller Based			
5	Output voltage on inverter mode	Vac	220V ± 10V			
6	Output phase		Single Phase			
7	Output Frequency on Inverter	Hz	50Hz ± 0.1Hz			
8	Output voltage regulation	%	< 5 %			
9	Output THD (v) at linear load	%	< 5 %			
10	Creast Factor		3:1			
11	Cooling Fan ON at temp	°C	55 °C			
12	Cooling Fan Off at temp	°C	50 °C			
13	Battery low voltage alarm per battery	Vdc	10.8V			
14	Battery low voltage cut per battery	Vdc	10.5V			
15	Max Battery charging voltage by grid per battery	Vdc	14.4V ± 0.3V			
16	Max Battery charging current by grid	Adc	Up To 16Amp			
17	Input Voltage Range (Inv Mode)	Vac	100-290V ± 10V			
18	Input Voltage Range (UPS Mode)		180-260 ± 10V			
19	Input current at no load at Nominal Battery voltage	Adc	< 1.5A, DC			
20	Noise @ 1 meter	dB	< 40 db			
21	Protections		Short Circuit, Battery Overvoltage ,Battery Lowvoltage ,Battery Deep Discharge ,Over Temp.(Auto Recovery)			
22	LCD Display parameters (Only in Elegant Series)		Mains Voltage, Output Voltage, Battery Charging, Battery Charged, And All The Faults			
23	Indication LEDs		Mains On, Charging On, Ups On, Battery Low, Overload			
24	Changeover time from inverter to mains in UPS mode	ms	<10 ms			
25	Changeover time from inverter to mains in Normal mode	ms	<10 ms			
26	Changeover time from mains to inverter in UPS mode	ms	<10 ms			
27	Changeover time from mains to inverter in Normal mode	ms	<20 ms			
28	Input Protection		Push to reset Circuit breaker			
29	Mode Slection		UPS/Inverter, Charging Voltage Amp HI/LO			

For enquiry visit website or contact

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