



connect your life with solar

New technology batteryless solar inverter



5hp, 7.5hp, 10hp model available

www.zenvolt.in

ZENVOLT POWER TECHNOLOGY



1

DIGITAL VOLTAGE AND
AMPERE METER

2

Function LED'S

3

INV. ON/OFF switch

4

Front side cooling fan

5

Sixer wheel for easy
movement



IGBT Technology for more power and reliability

We have taken care of even the smallest details, such as using high quality switches, dust-proof switch covers and high quality fans.



The only inverter in its class with 5
functions LED'S with 9 parameters
and a display to showcase them



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1 BACK SIDE COOLING FAN

2 40w panel DC input

3 INPUT OUTPUT MCB SWITCH

4 input-output connector

5 mc4 con. for solar input



heavy-duty EI transformer for increased efficiency and more power

Smart internal cooling system and various concealed heating management system

Double MCB protection is used for both input and output lines to ensure safety in the case of a short circuit

Separate input and output connectors are marked for easy identification and use

The inverter's earthing terminal is located outside for easy access and safety

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Unique Technology - Batteryless Solar Inverter

BATTERYLESS OPERATION BATTERY NOT REQUIRED

MODEL	5560	7420	10560	5450	7300	10400
Panel Type	Poly crystalline panels			Mono crystalline panels		
Panel voc	42-48			47-50		
Operating voc ON Load	450-585	370-470	450-585	360-460	230-300	320-400
Max voc	590	480	590	470	310	410
PV power in amp (DC)	9	18	18	13	24	24
Input PV strings	12 panel sir	10p+10p	12p+12p	9p singel string	6p+6p	8p+8p
AC output voltage	190-250(50Hz)					
AC output amp (AC)	9	15	20	12	15	20
Overload amp (AC)	11	17	22	13	17	22
Protection	Multi function smart overload protection , low and High pv voltage protection					
Display	5 led with 9 multi functions parameters,digital display (voltage,amper)					
Technology	Pure sinewave DSP base technology (power converter IGBT)					
Cooling system	Heat sink and smart cooling fan with over heat protection					
Power factor	0.8					
AC connectivity	Grid connectivity available					
Dimension (mm)	520.70*323.85*457.2					
Net weight (kg)	56.55	63.85	70.1	53	56.95	70.35
Gross weight (kg)	57.95	65.25	71.5	54.4	58.35	71.75
Operating temperature	15°C to 75°C (90°C over heat cutout)					
Standard warranty	12 months (extendable warranty optional)					

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