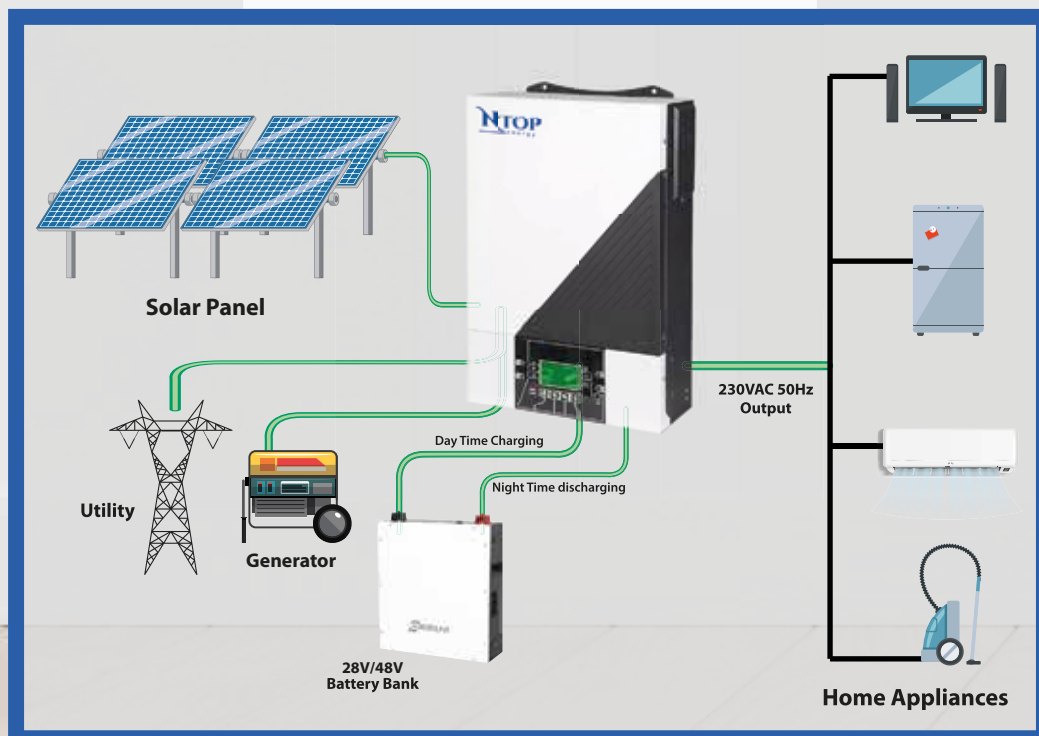


## SUNOM IV 4.2KW/6.2KW OFF GRID INVERTERS



- Built-in Local Wifi for mobile monitoring (App is available)
- Supports USB On-the-Gp function
- Data log events stored in the inverter
- Reserved communication port (RS485, CAN-Bus or RS232) for BMS
- Battery independent desing
- Battery equalization extends lifecycle
- User-friendly LCD operation

### Solar System Connection



**SUNOM IV 4.2KW/6.2KW**  
OFF GRID INVERTER



**DATASHEET**

MODEL	SUNON IV 4.2KW	SUNON IV 6.2KW
The rated Power	4.2 KW	6.2 KW
<b>INPUT</b>		
Voltage	230 VAC	
Selectable Voltage Range	90-280VAC(For Personal Computers),170-282VAC (For Home Appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt.Model)	230VAC $\pm$ 5%	
Suge Power	8400VA	12400VA
Power factor	1	
Efficiency (Peak)	>93%	
Transfer Time	15ms (For Personal Computers), 20ms (For Home Appliances)	
Wave form	Pure Sine Wave	
<b>BATTERY</b>		
Battery voltage	24VDC	48VDC
Floating Charge Voltage	31.5VDC	61VDC
Max DC input	33VDC	63VDC
<b>MPPT SOLAR CHARGER &amp; AC CHARGER</b>		
Maximum PV Array Power	5000W	6000W
MPPT Range	60-45VDC	
Maximum PV input	500VDC	
Maximum PV input Current	27A	
Maximum Solar Charge Current	120A	
Maximum AC Charge Current	100A	
Maximum Charge Current	120A	
Maximum Efficiency	98%	
<b>PHYSICAL</b>		
Dimension, D*W*H(mm)	356*471*149mm	
Packing size, D*W*H(mm)	535*425*224mm	
Net Weight (kgs)	N.W.:13 G.W.:14KGS	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5%to 95% Relative Humidity	
Operation Temperature	0 C - 50 C	
Cummunication Interface	USB/RS232/RS485(BMS)/LOCALWIFE/DRY-CONTRACT	