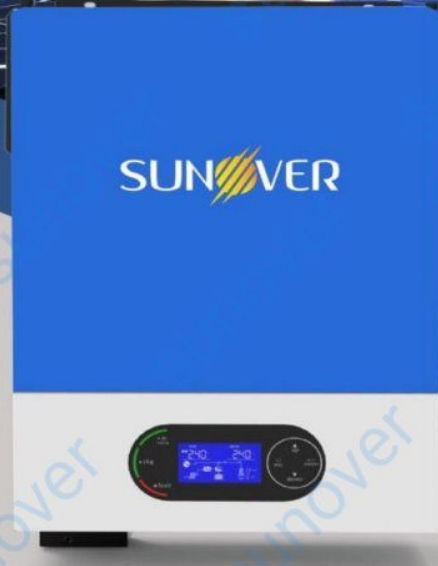




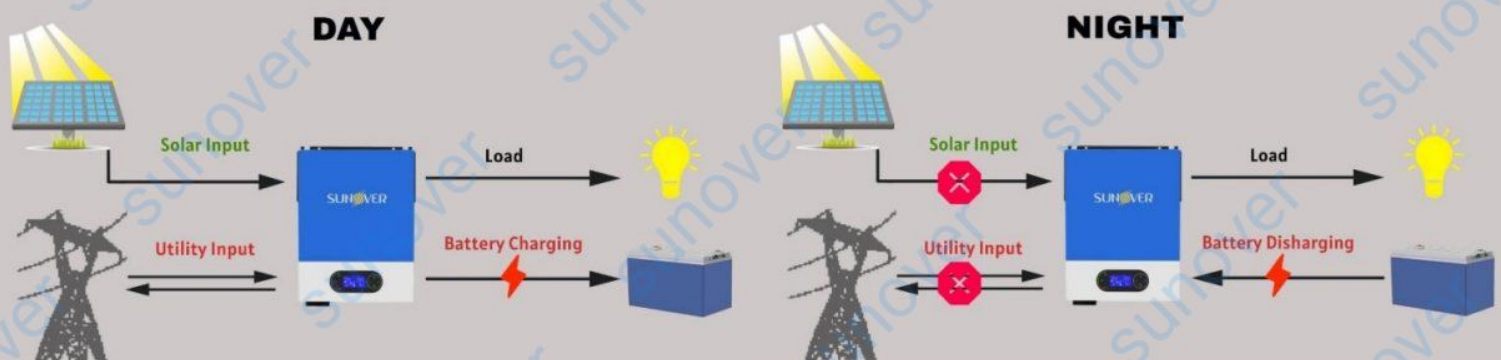
VOLANT series

1.5KW, 2.5KW, 4KW, 6KW

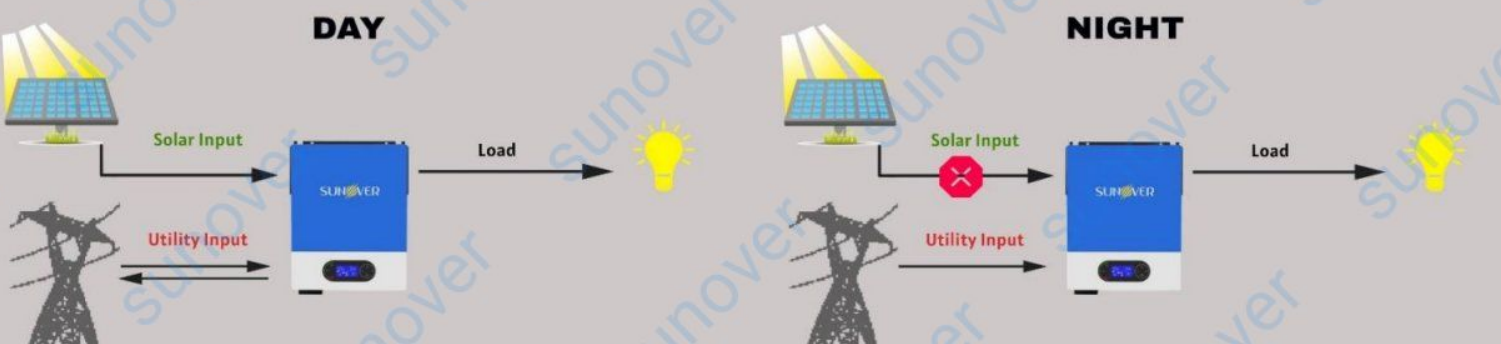
ON / OFF Grid Solar Inverter

- ON/OFF Grid Mode
- Maximum PV input 27A
- Smart Dual Output
- AC Overcurrent /Overvoltage Protection
- Overheat Protection
- Global Cloud Platform , Support Power Internet Applications

With Battery Function



Without Battery Function



Technical Specification		VOLANT Series			
Rated power	1500VA/1500W	2500VA/2500W	4000VA/4000W	6000VA/6000W	
AC Input					
AC voltage	230VAC				
Voltage Range	170-280VAC(For Personal Computers);90-280VAC (For Home Appliances)				
Frequency Range	50Hz/60Hz(Auto sensing)				
AC Output					
Surge power	3000VA	5000VA	8000VA	12000VA	
Voltage regulation(Batt Mode)	230VAC±5%				
Rated frequency	50/60Hz				
Efficiency(Peak)	up to 93.5%				
Automatic switching time	10ms (For Personal Computers);20ms (For Home Appliances);				
SOLAR CHARGER & AC CHARGER					
Maximum PV Array Open voltage(V)	500VDC				
Maximum PV Array power	2000W	3000W	5000W	6000W	
MPPT voltage range(V)	60~450VDC				
Maximum input current	27A				
MPPT tracker/strings	1				
Maximum solar charge current	80A		120A		
Maximum AC charge current	60A		100A		
Maximum charge current	80A		120A		
Battery					
Battery voltage	12VDC	24VDC	24VDC	48VDC	
Floating Charge voltage	13.5VDC	27VDC	27VDC	54VDC	
Overcharge Protection	16VDC	33VDC	33VDC	63VDC	
Battery type	lithium /Lead-acid				
Protection& Feature					
AC overcurrent,	Yes				
AC overvoltage	Yes				
Over-heat protection	Yes				
Smart load management	Yes (for 4/6k)				
General Parameter					
Operation temperature	- 25℃~ 60℃				
Relative humidity	0 ~95% (non-condensing)				
Altitude 2,000m	(>2,000 Derating)				
Dimensions D x W x H (mm)	356x255x104.5		434x311x126.5		
Weight (kg)	5.3	5.5	8.5	9	
Display and communication					
Display	Touch key+LCD				
Interface	Standard:RS485,CAN ; Opt: Wifi ,Bluetooth				
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2				