

NBS II PRO

Hybrid On & Off Grid Energy Storage Inverter



series **8/10kW**



MPPT

Built-in two MPPT(6KW-11KW),with wide PV input range:60~450VDC



Easy to use

Configurable AC/PV output usage time and prioritization



On & Off-Grid

REVO VM IV series is suitable for on & off-grid applications



Battery

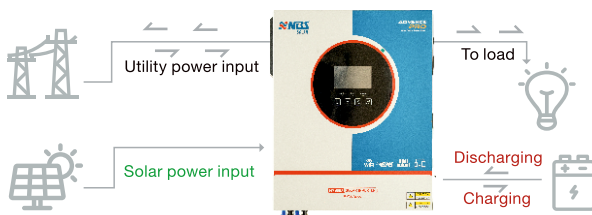
Battery equalization function extend life cycle
Reserved communication port(RS485,CAN)for BMS



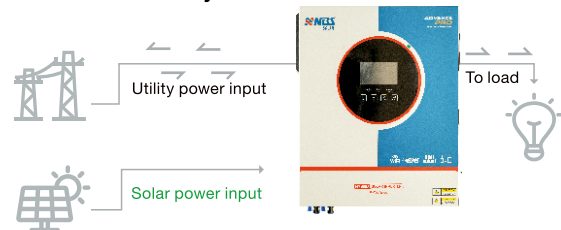
Easy access

Communication WiFi or bluetooth
Touchable button with large 5" colorful LCD

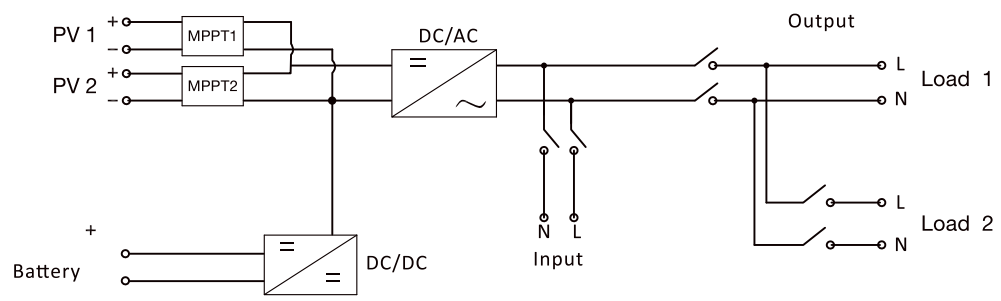
With battery connected



Without battery connected



Schematic diagram



Technical Specification	NBS II PRO series	
Rated Power	8000VA/8000W	10000VA/ 10000W
AC INPUT		
AC Voltage	230VAC	
Voltage Range	170-280VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50/60Hz (Auto sensing)	
AC OUTPUT		
Surge Power	16000VA	22000VA
Voltage Regulation (Battery Mode)	220VAC/ 230VAC/ 240VAC ±5%	
Rated frequency	50/60Hz	
Efficiency (Peak)	93%	
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)	
BATTERY		
Battery Voltage	48VDC	
Floating Charge Voltage	54VDC	
Overcharge Protection	63VDC	
Battery type	Lithium/Lead-acid	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum PV Array Power	9000W(4500*2)	10000W(5000*2)
MPPT voltage range(V)	60~450VDC	60~450VDC
MPPT tracker/strings	2	2
Maximum solar charge current	120A	
Maximum AC charge current	120A	150A
Maximum charge current	120A	150A
PROTECTION & FEATURE		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
On Grid	Yes	
Parallel function	OPTIONAL	
GENERAL PARAMETERS		
Operation temperature	-10℃ ~50℃	
Relative humidity	5% ~ 95% (Non-condensing)	
Altitude	(>2000m Derating)	
Dimensions D x W x H(mm)	420*561.6* 152.4	
Net Weight(KG)	19.5	20
DISPLAY AND COMMUNICATION		
Display	Touch button	
Interface	Standard:RS232,CAN&RS485; Optional: WiFi	
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2	