

NBS II PRO

Hybrid On & Off Grid Energy Storage Inverter



series **11kW**



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



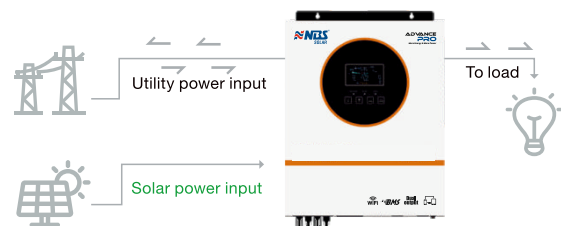
Easy access

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

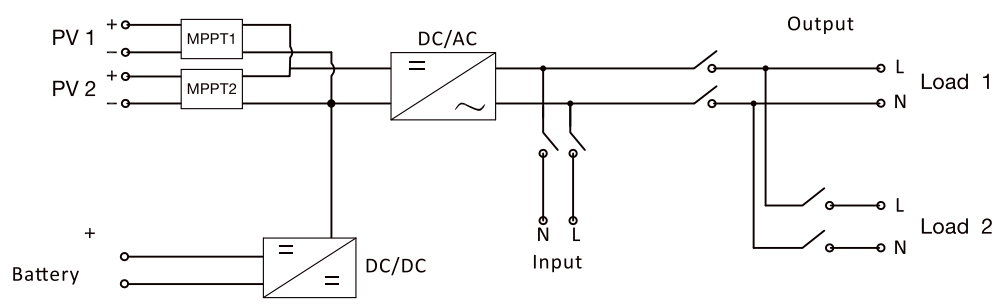
● With battery connected



● Without battery connected



● Schematic diagram



Technical Specification	NBS II PRO series
Rated Power	11000VA/11000W
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	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	10000W(5000*2)
MPPT voltage range(V)	60~450VDC
MPPT tracker/strings	2
Maximum solar charge current	120A
Maximum AC charge current	150A
Maximum charge current	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°C ~50°C
Relative humidity	5% ~ 95% (Non-condensing)
Altitude	(>2000m Derating)
Dimensions D x W x H(mm)	420*561.6*152.4
Net Weight(KG)	20
DISPLAY AND COMMUNICATION	
Display	Touch button
Interface	Standard:RS232,CAN&RS485; Optional: WiFi
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2