



MIS-NO 1512-20 & MIS-NO 2424-30

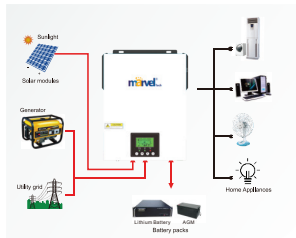


»» Features

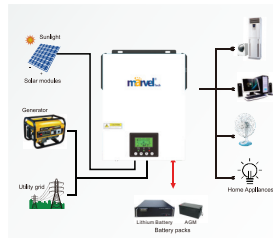
- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and android
- Built-in 80A MPPT solar charger
- Built-in anti-dusk kit for harsh environment(optinal)
- Compatibe with lithium-ion battery
- High PV input voltage range(90~450VDC)
- Smart battery charge design to optimize battery life
- Solar energy is provided directly to the load first
- Can meet the rich custom needs of customers

»» System Digram

■ Operation with battery connected
»» Solar Power and AC Power available



»» Solar Power and AC Power not available



Max. Efficiency
80%



120A
MPPT



BMS/RS232/GPRS
WIFI



IP21
Ingress Protection

MODEL	MIS-NO 1512-20	MIS-NO 2424-30
Rated Power	1500VA/1500W	3000VA/2400W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	3000W	4800W
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum charge current	60A	
SOLAR CHARGER		
MAX.PV Array Power	2000W	3000W
MPPT Range@ Operating Voltage	90-430VDC	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	348*270*95	
Net Weight (kgs)	4kg	5kg
Communication Interface	RS232(Standard)GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

