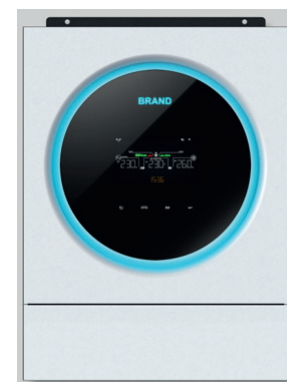


## VM IV SERIES INVERTER

### HYBRID INVERTERS (HIGH VOLTAGE)

- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Built-in Wifi for mobile monitoring (App is available)
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Battery independent design
- Battery equalization extends lifecycle
- User-friendly LCD operation
- Enhanced charging power
- Built-in anti-dust kit



## TECHNICAL SPECIFICATIONS

MODEL	VM IV 3600K 450VDC	VM IV 5600K 450VDC
Rated power	3600VA/3600W	5600VA/5600W
<b>INPUT</b>		
Voltage	230 VAC	
Selectable voltage range	170-280 VAC (for personal computers) 90-280 VAC (for home appliances)	
Frequency range	50Hz/60Hz (auto sensing)	
<b>OUTPUT</b>		
AC voltage regulation (batt. mode)	230VAC $\pm$ 5%	
Overload	7200VA	11200VA
Efficiency (peak)	90-93%	
Transfer time	15 ms (for personal computers); 20 ms (for home appliances)	
Waveform	Pure sine wave	
<b>BATTERY</b>		
Battery voltage	24 VDC	48 VDC
Floating charge voltage	27 VDC	54 VDC
Overcharge protection	33 VDC	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar charge type	MPPT	
Maximum PV power	4000 W	6000 W
MPPT range @ operating voltage	120 VDC ~450 VDC	
Maximum PV array open circuit voltage	500 VDC	
Maximum solar charge current	120 A	
Maximum AC charge current	100 A	
Maximum charge current	120 A	
<b>PHYSICAL</b>		
Dimensions HxWxD (mm)	422.8x313.6x119	
Net weight (kg)	10.0	12.0
Communication interface	USB/RS232/RS485/Bluetooth/Dry-contact	
<b>ENVIRONMENT</b>		
Humidity	5% - 95% (non condensing)	
Operating temperature	0°C – 55°C	
Storage temperature	-15°C – 60°C	