

## **GROWCOL MKS IV Off-Grid Inverter**



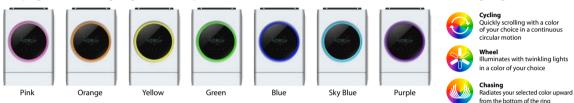




- Pure sine wave MPPT solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Wide DC input range
- Supports USB On-the-Go function
- · Data log events stored in the inverter
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS
- Battery independent function
- Parallel operation with up to 9 units

## User-programmable RGB lighting for different operation mode

## Three lighting effects



## **GROWCOL** MKS IV Off-Grid Inverter Selection Guide

MODEL	MKS IV 3600-48	MKS IV 5600-48	MKS IV 6000-48
Rated Power	3600VA/3600W	5600VA/5600W	6000VA/6000W
NPUT			
/oltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50Hz/60 Hz (Auto sensing)		
DUTPUT			
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%		
Overload capacity	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load		
fficiency (Peak)	93 %		
ransfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Vaveform	Pure sine wave		
BATTERY			
Battery Voltage	48 VDC	48 VDC	48 VDC
loating Charge Voltage	54 VDC	54 VDC	54 VDC
Overcharge Protection	66 VDC	66 VDC	66 VDC
OLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT	MPPT	MPPT
Aaximum PV Array Power	5000 W	6000 W	6000 W
IPPT Range @ Operating Voltage	120 ~ 430 VDC		
Aaximum PV Array Open Circuit Voltage	500 VDC	450 VDC	500 VDC
Aaxmum Solar Charge Current	100 A	120 A	120 A
Aaximum AC Charge Current	100 A	120 A	120 A
PHYSICAL			
Dimension, D x W x H (mm)	140 x 295 x 468		
Net Weight (kgs)	11.0	12.0	12.0
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact		
INVIRONMENT			
lumidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		

Product specifications are subject to change without further notice.