

3 IN 1

MPPT INVERTER
ON-GRID / OFF-GRID / HYBRID

-  **Monitor & Control With Built-in WIFI**
-  **USB On-the-go Function**
-  **Works with & Without Battery**
-  **Touch LCD Display**
-  **BMS Built-in**

-  **120A**
Solar & AC Charging Current
-  **6KW+**
PV Input (27AMP)
-  **9 Units**
Can Be Parallel
-  **Net Metering**
Feed into Grid
-  **Communication**
USB/RS232/RS485/Dry-Contact/WIFI



CYCLING



Quickly scroll with a color of your choice in a continuous circular motion.

WHEEL



Illuminates with twinkling lights in a color of your choice.

CHASING



Radiates your selection colour upward from the bottom of the ring



PINK



ORANGE



GREEN



BLUE



SKY BLUE



PURPLE

CHERRY FOX PLUS SERIES ON-GRID INVERTER WITH ENERGY STORAGE

MODEL	CH-FOX-PVC600
PHASE	1-phase in / 1-phase out
MAXIMUM PV INPUT POWER	6000W
RATED OUTPUT POWER	6000W
MAXIMUM CHARGING POWER	6000W
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	120 VDC
MPPT Voltage Range	120 VDC ~ 450 VDC
Number of MPP Trackers / Maximum Input Current	1 / 27 A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/240 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current	26.0A
Power Factor	> 0.9
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	Maximum Conversion Efficiency (DC/AC)
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Maximum AC Input Current	40 A
PV INPUT (DC)	
Maximum DC Voltage	500 VDC
MPPT Voltage Range	120 VDC ~ 450 VDC
Number of MPP Trackers / Maximum Input Current	1 / 27 A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure sinewave
Efficiency (DC to AC)	93%
HYBRID OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	110VDC / 120 VDC
MPPT Voltage Range	120 VDC ~ 450 VDC
Number of MPP Trackers / Maximum Input Current	1 / 27 A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current	26.0A
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Battery Supported	LEAD ACID VRLA AGM DEEP CYCLE GEL FLOODED TUBULAR LITHIUM-ION (BMS BUILT-IN)
Nominal Output Voltage	220/230/240 VAC
Efficiency (DC to AC)	93%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Solar Charging Current	120A
Maximum AC Charging Current	120A
Maximum Charging Current	120A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12
INTERACE	
Parallel Function	Yes, 9 units
Communication Port	USB/RS232/RS485/WIFI/Dry-contact
ENVIRONMENT	
Humidity	5 ~ 90% RH (Non-condensing)
Operating Temperature	-10 to 50°C

Product specifications are subject to change without further notice.



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