

# Stark Country MEX Off-Grid Inverter



- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Enhance AC charger to 60A and solar charger to 40A
- Wide battery input range
- Selectable input voltage range for home appliances and personal computers
- Selectable high power charging current
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

## Stark Country MEX Off-Grid Inverter Selection Guide

MODEL	Stark Country MEX 1500-12	Stark Country MEX 1500-24	Stark Country MEX 3000-24
Rated Power	1500VA/1200W		3000VA/2400W
<b>INPUT</b>			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%		
Surge Power	3000VA		6000VA
Efficiency (Peak)	90% ~ 93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
<b>BATTERY</b>			
Battery Voltage	12 VDC		24 VDC
Floating Charge Voltage	13.5 VDC		27 VDC
Overcharge Protection	16 VDC		32 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
Maximum PV Array Power	500W		1000W
MPPT Range @ Operating Voltage	15 VDC ~ 80 VDC		30 VDC ~ 80 VDC
Maximum PV Array Open Circuit Voltage	100 VDC		
Maximum Solar Charge Current	40A		
Maximum AC Charge Current	60A		
Maximum Charge Current	100A		
Maximum Efficiency	98%		
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	100 x 272 x 355		
Net Weight (kgs)	7.0		
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	-20°C to 55°C		
Storage Temperature	-30°C to 60°C		

Product specifications are subject to change without further notice