

iBox-AD2000 2009.6Wh/1000W

LIGHTS YOUR HOME
POWER YOUR FAMILY



CHEAPER, cheaper, cheaper
more than tubular battery
inverter system



Can power both AC load and
DC load



More than 10 years life time,
buy 1 time get 10 years free
electricity



With 80A AC charger and
80A MPPT Solar charger



With 12V DC output and
USB charger



All in one, build in
lithium battery



60W DC power
2*12V DC

USB Charger



AC

AC

DC



Grid



Solar Panel
150-550W 1PCS



iBox-AD2000

MODEL	AD2000
Inverter/Charger	
Rated AC Output Power	1000W
Output Voltage Waveform	Pure Sine Wave
Output Voltage	185~230Vac50Hz
Low DC Warning Point	≤19%
Low DC Cut-off Voltage	5.8Vdc
Low DC Warning Return Voltage	>20%
Charging Power(Utility and solar together)	800W Max.
Bulk Charging Voltage	7.2Vdc
Float Charging Voltage	7.0Vdc
AC Input	
Nominal input Voltage	230Vac
Low Loss Voltage	90Vac ± 7
Low Loss Return Voltage	100Vac ±7
High Loss Voltage	280Vac ± 7
High Loss Return Voltage	270Vac ±7
Max. AC Input Voltage	300Vac
Nominalinput Frequency	45~65HZ
AC Charging Power	800W Max.
Solar input	
Nominal PV Voltage	38Vdc
PV Array MPPT Voltage Range	13Vdc~55Vdc
Max. PV Array Open Circuit Voltage	56Vdc
Solar Charging Power	550W Max.
Lithium Iron Battery	
Capacity	2009.6Wh
Nominal BatteryVoltage	6.4Vdc
Typical capacity	314Ah*2
Max.Charge Current	220A
Max.Discharge Current	220A
Operation Voltage Range	5.8Vdc~7.2Vdc
Operation Temperature	-10°C~+50°C
DC Output	
DC Output Power	DC12V 60W Max.
DC Output Socket	1 pcs 5V1A USB charger, 2 pcs 12V2.5A DC Power JACK 5.5*2.1mm
Display Function	
LED Indicator	4 pcs SOCindicators, 1 pcs working status indicators
Protection	
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection
Ambient	
Noise(dB)	<40dB (1 meter)
workingTemperature	-10°C~+50°C
Humidity	5~95%(no condensation)
Sea Level(m)	≤2000
Dimension	
LxWxH (products size)	278*243*330mm
LxWxH (package size)	345*310*430mm
Weight(NW Kg)	19.5
Weight(GW Kg)	21