Intenergy

Comprehensive Solar Energy Storage Solutions Provider

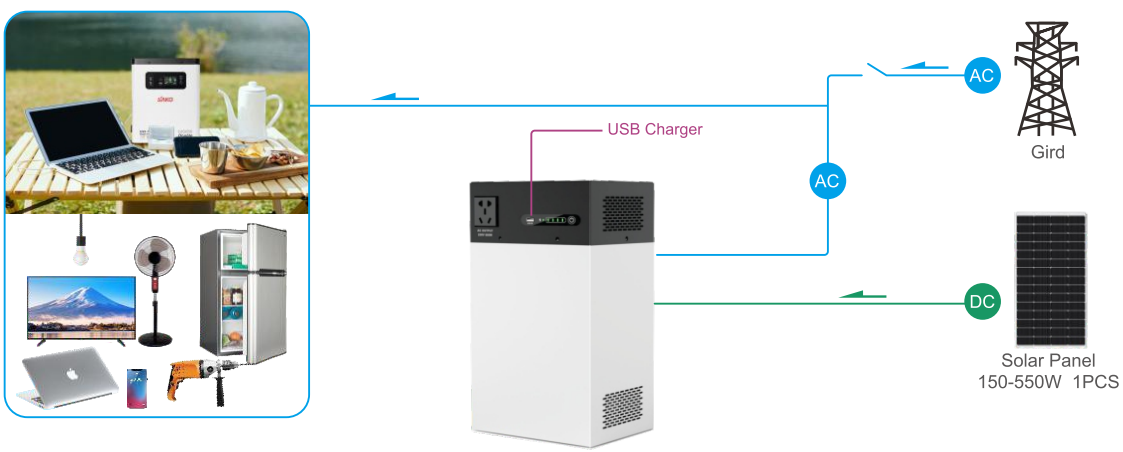
iPower Mobile Series

iBox-AD1000
1004.8Wh/500W





- Integrated design of inverter and BMS
- Cycles can reach 8000 times
- All around protection
- Support solar charging
- Wide MPPT Range 10-55V
- Supports USB output & phone charging



For more information contact us at www.intenergy.cn
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iBox-AD1000

TECHNICAL PARAMETER

MODEL	AD1000
Inverter/Charger	
Rated AC Output Power	500W
Output Voltage Waveform	Pure Sine Wave
Output Voltage	185~230Vac50Hz
Low DC Warning Point	≤19%
Low DC Cut-off Voltage	2.9Vdc
Low DC Warning Return Voltage	>20%
Charging Power(Utility and solar together)	500W Max.
Bulk Charging Voltage	3.6Vdc
Float Charging Voltage	3.5Vdc
AC Input	
Nominal input Voltage	230Vac
Low Loss Voltage	90Vac ± 7
Low Loss Returm Voltage	100Vac ±7
High Loss Voltage	280Vac ± 7
High Loss Returm Voltage	270Vac ±7
Max. AC Input Voltage	300Vac
Nominalinput Frequency	45~65HZ
AC Charging Power	500W Max.
Solar input	
Nominal PV Voltage	38Vdc
PV Array MPPT Voltage Range	10Vdc~55Vdc
Max. PV Array Open Circuit Voltage	56Vdc
Solar Charging Power	300W Max.
Lithium Iron Battery	
Capacity	1004.8Wh
Nominal BatteryVoltage	3.2Vdc
Typical capacity	314Ah*2
Max.Charge Current	220A
Max.Discharge Current	220A
Operation Voltage Range	2.9Vdc~3.6Vdc
Operation Temperature	-10°C~+50°C
DC Output	
DC Output Power	5W Max.
DC Output Socket	1 pcs 5V1A USB charger
Display Function	
LED Indicator	4 pcs SOCindicators, 1 pcs working status indicators
Ambient	
Noise(dB)	<40dB (1 meter)
workingTemperature	-10°C~+50°C
Humidity	5~95%(no condensation)
Sea Level(m)	≤2000
Dimension	
LxWxH (products size)	360*210*156mm
LxWxH (package size)	420*270*225mm
Weight(NW Kg)	12.0
Weight(GW Kg)	12.5

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