

# ARE YOU READY FOR INDEPENDENCE?

Power when & where you need it  
1500 watts – safe – quiet – clean generator



- HOME BACKUP POWER** will run items such as: a fridge, freezer, sump pump and 1000W microwave, home alarm system and garage door for a limited time.
- EMERGENCY POWER** will run essential electronics such as radio, fan, mobile and cordless phone, emergency light, laptop, printers, and TVs. Get all the power you need with this portable yet powerful miniJOULE Island.
- WORK PRODUCTIVITY** will run power tools such as a drill, belt sander, circular saw and more indoor and outdoor instruments.

- Provides 230 VAC, 12 VDC and 5 VDC power supply anywhere
- 1500 W pure sine-wave inverter
- 60 W foldable solar module included, expandable up to 260 W
- Sealed 100 amp-hour AGM battery included
- Telescopic handle for convenient mobility
- Waterproof design for outdoor use
- High temperature, overload and short-circuit protection
- Low battery alarm and automatic shutdown
- 4" LCD displays clear information
- (2) 12 V DC lighter outlets
- (2) 230 V AC outlets
- (2) 5 V DC USB outlets
- Jump starter terminal
- Built-in GFCI
- Safety automotive fuses

## Product specifications

Max. AC output power	1500 W
AC output voltage	230 V
AC output frequency	50 Hz
Inverter type	Reiner Sinus
Solar Module	60 Wp
Internal battery	Sealed AGM
Internal battery capacity	100 Ah
Internal battery voltage	12 V
Solar charge controller	20 A MPPT
Nominal max. Solar Input	240 W
Solar connector	MC4
MPPT Voltage	12 V – 63 V
Automobile lighter outlet voltage	12 V
USB outlet voltage	5 V
Dimensions miniJOULE Island (LxWxH)	41 x 45 x 36 cm
Dimensions Panel (LxWxH)	46 x 110 x 25 cm
Weight miniJOULE Island + Panel	55 kg

## Charge system

AC charger bulk charging current	5 A
Peak charging voltage	14.7 VDC
Solar charging time (60W)	3.4 A, 30 h
AC charging time	5 A, 20 h

## Emergency power applications watts runtime

Laptop	25 W, 33 h
Desktop PC	75 W, 11 h
20" LCD Monitor	50 W, 16 h
Radio	8 W, 105 h
Energy saving lamp	11 W, 76 h
32" LCD TV	90 W, 9 h
Mobile phone charger	5 W, 168 h
Cooling box	65 W, 12 h
Microwave	1000 W, 35 min.

Availability:  
May 2013



More information at:  
[www.minijoule.com](http://www.minijoule.com)