

Oasis

QUICK SETUP GUIDE



1 Mount the inverter

Using a 10mm masonry drill bit, drill three holes 55mm deep and 124mm apart. It is recommended to use the bracket as a template.

Insert the M8 wall anchor bolts (provided with the inverter) through the bracket into the holes, and tighten with a 13mm spanner, fixing the bracket to the wall.

Using at least two people, hold the Oasis vertically and lift it onto the mounting bracket.



CAUTION

The Oasis is heavy; dropping it could result in personal injury and damage to equipment. It is therefore recommended that this step be performed by a minimum of two people, or using a mechanical block-and-tackle.

2 Connect to batteries

Connect the DC cables to the inverter as shown. Please respect the battery polarity and check before connection that the polarity is correct.

Minimum recommended battery size is 200Ah. Using a battery smaller than the recommended size can cause system instability or inability to supply the load at the rated inverter power.

Appropriately rated DC fuses on the battery bank are recommended.



WARNING

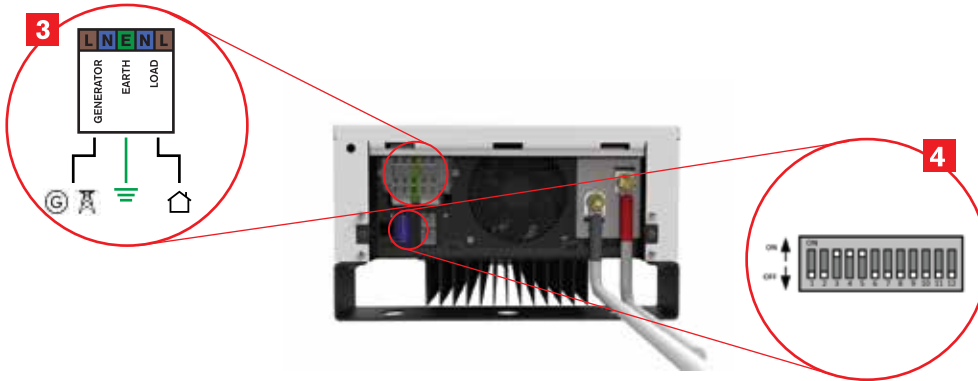
Swapping the DC polarity will damage the inverter.



3 Connect AC and Earth

Connect the AC connections as shown in the picture below. Always connect the inverter to earth. Leaving the earth unconnected is a safety risk.

Minimum AC cable diameters: 3 | 4kVA: 10mm² 6kVA: 16mm²



WARNING

Connecting the utility or generator to the Load Output point will damage the inverter.

4 Configure DIP switches

The DIP Switches are located underneath the removable terminal cover underneath the inverter. The switches can be turned on or off by moving the pin up towards the 'ON' position for on or moving it to the 'OFF' position away from the 'ON' text.

The default positions for all the DIP switches are shown below:

Switch	Function	Default	ON	OFF
1	Battery capacity selection	OFF	400 Ah or more	Less than 400 Ah
2	Battery type selection	OFF	Flooded	Sealed
3	Float charge enable	ON	Enabled	Disabled
4	Audible Beep Cautions	ON	HMI ¹ configurable	Disabled
5	Audible Beep Warnings	ON	HMI configurable	Disabled
6	Large source	OFF	Enabled	Disabled
7	Battery cycle mode enable	OFF	HMI configurable	Disabled
8	Load sense mode enable	OFF	HMI configurable	Disabled
9	Custom battery settings	OFF	HMI configurable	Disabled
10 to 12	Reserved			

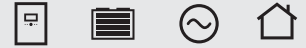
¹HMI as an abbreviation for **Human Machine Interface**, the touch-screen interface. Full description of all functions can be found in the user manual.

5 Online Manual

A comprehensive manual is available online on our website at <http://www.mltinverters.com/our-products/oasis-inverter/>

Status Indicator LEDs

The LED status indicators on the front panel of the Oasis inverter can be interpreted as follow:



Inverter Status

OFF
 NORMAL

Battery Status

ACCEPTABLE
 LOW
 CRITICAL
 CHARGING

Source Status

UNAVAILABLE
 AVAILABLE
 UNACCEPTABLE

Load Status

ACCEPTABLE
 SHORT CIRCUIT ERROR
 OVERLOAD
 CONTINUOUS OVERLOAD

Special Combinations

AC CONNECTION ERROR
 OVER TEMPERATURE



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Product Support

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When contacting Product Support via telephone or email please provide the following information for the fastest possible service:

- Error message shown on display or LEDs
- Model number
- Serial number

The Model and Serial number are available from the inverter specifications plate on the removable cover underneath the inverter.

