

SOLAR2AFRICA400™

▶ Power For Africa LLP



BY POWER
FOR AFRICA



NEW • INNOVATIVE • LIFE CHANGING

NEW, INNOVATIVE, LIFE CHANGING

New, innovative and life changing, the Solar2Africa400™ is a portable, extremely versatile and affordable solar power generator designed to provide a standalone energy source in African homes where there is no electricity or where the power network is unreliable. Uniquely designed for operation

in Africa this robust and flexible system will provide basic power and light for a few hours a day. The "out of the box" set up is simple and quick and you can be up and running in minutes! The Solar2Africa400™ unit features a built in 12V 18AH maintenance free SLA battery for storage, an integrated 400W

DC/AC inverter and 10A solar charge controller for reliable solar charging. Extra battery capacity is easily added by connecting our batteries through the DC connection.

The Solar2Africa400™ providing power for a family home



Quick and easy set-up



Solar chargeable



Maintenance free battery



THE SOLAR2AFRICA400 PACKAGE

POWER WHEN YOU NEED IT

The Solar2Africa400™ package has been designed in the UK specifically for developing countries. We have produced a simple to use box that will provide mains electricity of >1100W/h per day. Using the built in 12VDC socket and 230V output inverter our customers are able to power lights and small appliances such as fans, TV and radio for a few

hours a day. A portable but powerful 120W folding solar panel is supplied to charge the batteries during daylight hours. The Solar2Africa400™ Package coupled with T1-R, the latest low power PC from our partner Aleutia Ltd, becomes a powerful and versatile portable computer station that goes anywhere!



T1-R low power PC compatible



Folding solar panel included

WHAT'S IN THE BOX?



- ▶ Solar2Africa400™ unit uniquely designed for the African market
- ▶ High quality mono-crystalline 120W folding solar panel with 5 metre cable and connector
- ▶ 2 x external battery boxes with 2 x 36Ah SLA batteries - includes preinstalled cables and connectors for fast and safe connection
- ▶ 3 x 12V 30 LED light strips with connection box to Solar2Africa400 unit
- ▶ AC Adapter for charging system where mains electricity is available



SOLAR2AFRICA400™

KEY FEATURES

The Solar2Africa400™ showcases a range of features to solve a multitude of power problems

- ▶ 400 watts continuous power inverter
- ▶ 1 x inverter on LED indicator, Low battery LED indicator, inverter overload LED indicator
- ▶ 1 x 12VDC outlet recommended for 12V lights
- ▶ 1x inverter on/off switch
- ▶ 1x LED light on/off switch
- ▶ 1x battery charging LED indicator, battery 100% charged LED indicator
- ▶ AC charger input

FRONT



- ▶ 1x main battery on/off switch
- ▶ 1x USB 1A charging point
- ▶ 1x battery condition check switch
- ▶ 1x 2W LED light
- ▶ 1x battery compartment for maintenance free sealed lead acid battery (18AH)
- ▶ 1x external battery input connection (side of unit)
- ▶ 1x solar panel input charging connector (side of unit)
- ▶ 1x 230V universal AC outlet socket (side of unit)

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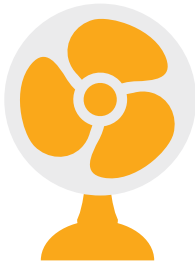
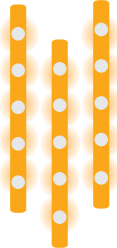


FREQUENTLY ASKED QUESTIONS

How long will it take to charge my Solar2Africa400™ using the solar panel?

Internal Battery Only		=	3 HOURS
.....			
Internal Battery + One Battery Box	 + 	=	6.5 HOURS
.....			
Internal Battery + Two Battery Boxes	 +  + 	=	10.5 HOURS

What Can I Run On My Solar2Africa400™?

	+		+	
.....	
22" LCD TV		One Fan		Three Lights
2 Hours a Day		6 Hours a Day		6 Hours a Day

ALEUTIA T1-R LOW POWER PC

The Aleutia T1-R is an ultra-low power and ultra-reliable PC designed and manufactured in UK for remote, hot and dusty environments. With solid state drive, no fan and only 12 watts power consumption the T1-R partnered with the Solar2Africa400 package is a powerful and portable computer station that goes anywhere.



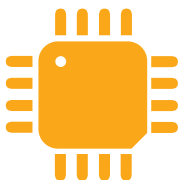
Extremely low power consumption
12 Watts



Easily powered from Solar2Africa400 with 12V input



Designed to operate in high ambient temperatures of more than 45°C



Dual Core Intel Atom Processor makes it suitable for even the most demanding applications

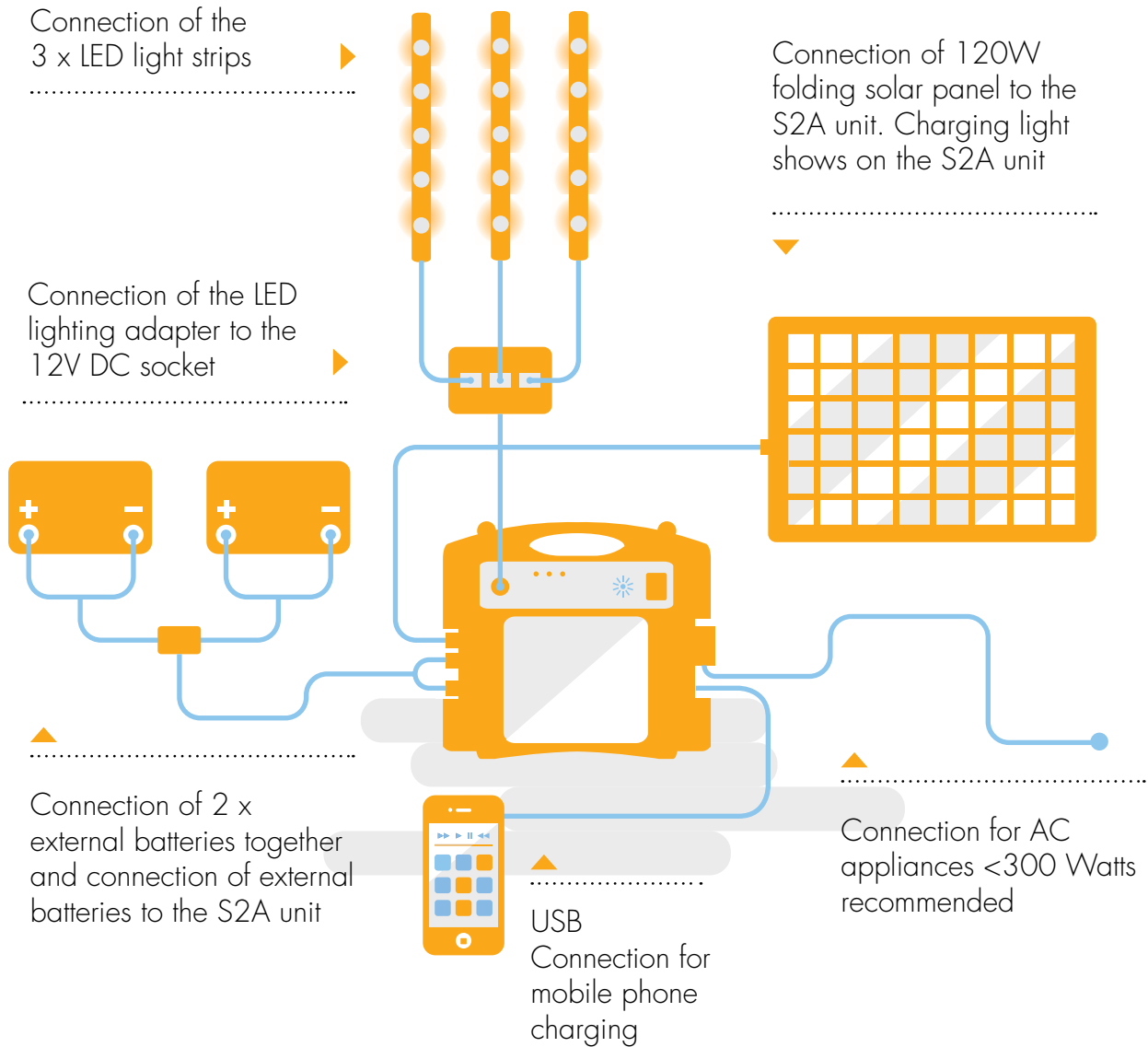


Fanless, Sealed and dustproof design



Desktop computer that fits in the hands

SOLAR2AFRICA400™ CONNECTIONS



SOLAR2AFRICA400™ ACCESSORIES

The Solar2Africa400™ package is well specified and comes with everything to get you started. Need more lights, more power, or low power PC solution to connect to your Solar2Africa400™? We have a range of selected accessories available from your local distributor.

See below for available Solar2Africa400™ Accessories



Battery Box including 36AH battery and cables



T1-R Low Power PC Solution



12V lighting adapter



Mains Charger



12V LCD TV



LED Light Strips

YOUR LOCAL DISTRIBUTOR

