APSPF30D & APSPF60D
Amorphous Foldable Solar Panels

Now you can stay off the grid for longer, with Ark's new range of highly efficient and highly affordable amorphous foldable solar panels – available in 30W and 60W sizes. Ultra-lightweight and compact, they will allow you to harness the energy of the sun and top up your Arkpak with up to 4 Amps of free power per hour (60W panel option). Plus every solar panel comes with a free solar charge controller to protect your battery.

arkpak®
Portable Power

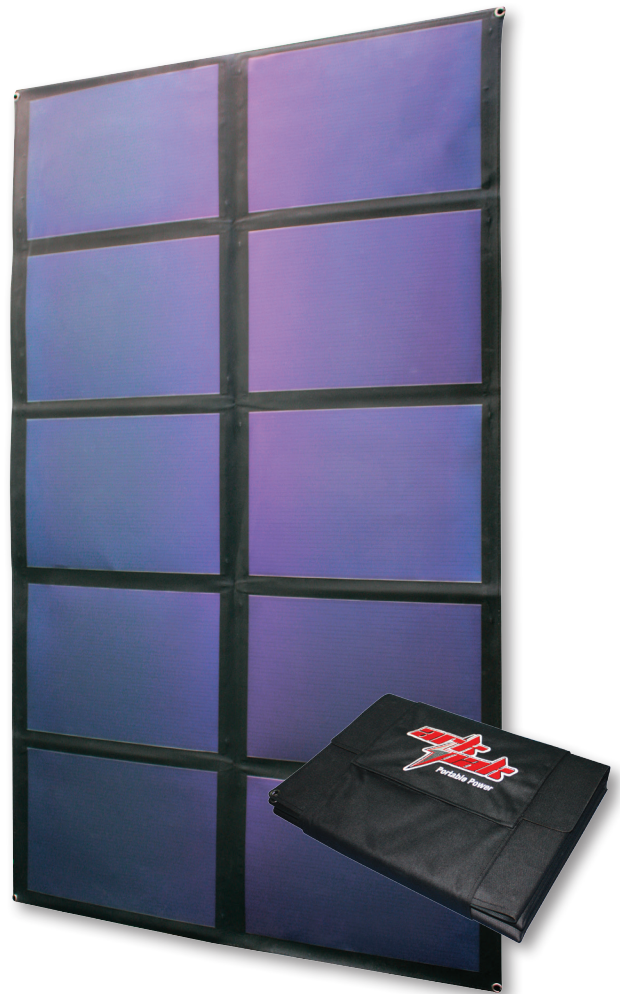## Ultra lightweight on your vehicle and on your pocket!

- Ultra-lightweight
- Super space saving
- Highly efficient amorphous panels
- Works in low light or partial shade
- Generates up to 4 Amps per hour
- Available in:

30 Watts Up to 2 Amps/Hr
APSPF30D

60 Watts Up to 4 Amps/Hr
APSPF60D

ARK
Innovation, not imitation

Amorphous Foldable Solar Panels

Catch

Store

Power

Choosing a solar panel

Step 1: Estimate your power consumption

Appliance	Watts/Hour	Daily usage period	Daily power consumption
40 Litre Fridge	18W	24 hours	430W
LED Lamp	5W	3 hours	15W
Mobile Phone	5W	1 hour	5W
Tablet	10W	2 hours	20W
Laptop	36W	2 hours	72W
Television	18W	2 hours	36W
Cordless Drill	55W	1 hour	110W
Digital Camera charger	6W	2 hours	12W

Step 2: Solar Panel Power Generation

	Watts generated per day	Amps generated per day	Time required to recharge a 120A battery	Length of time you can run a 40L fridge with a 120A battery
30W	192W	13A	59 hours	7 days
60W	403W	27A	28 hours	continuous
120W	768W	54A	14 hours	continuous

NB: All figures assume average sunshine levels of 8 hours each day. Figures are a guide only & based on folding amorphous panels. Solar panels, battery and appliances are based on average figures which can be affected by solar panel placement & weather conditions.

Step 3: Solar Panel Choice

Calculate your total estimated daily power consumption and choose the Solar Panel (from the table above) that will generate sufficient power (watts) for the appliances you wish to run on a daily basis.

ark pak ®
Portable Power

30 Watts

Foldable solar panel kit comprises:
• 30W Solar panel
• 4.5A Charge controller
• 3m Lead with alligator clips

Max current: 2A

Max voltage: 15V

Folded size: 40 x 15 x 3cm (16" x 6" x 1")

Unfolded size: 80 x 90cm (31' x 35")

60 Watts

Foldable solar panel kit comprises:
• 60W Solar panel
• 4.5A Charge controller
• 3m Lead with alligator clips

Max current: 4.2A

Max voltage: 15V

Folded size: 40 x 28 x 3cm (16" x 11" x 1")

Unfolded size: 80 x 150cm (31' x 59")