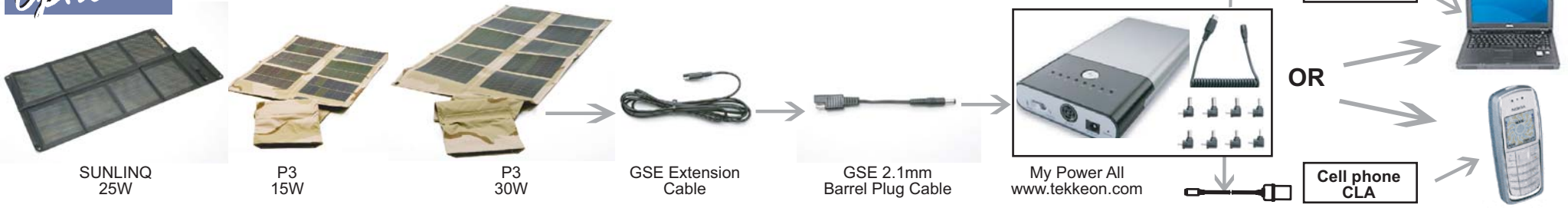


# Solar Powered Laptops

## Option 1



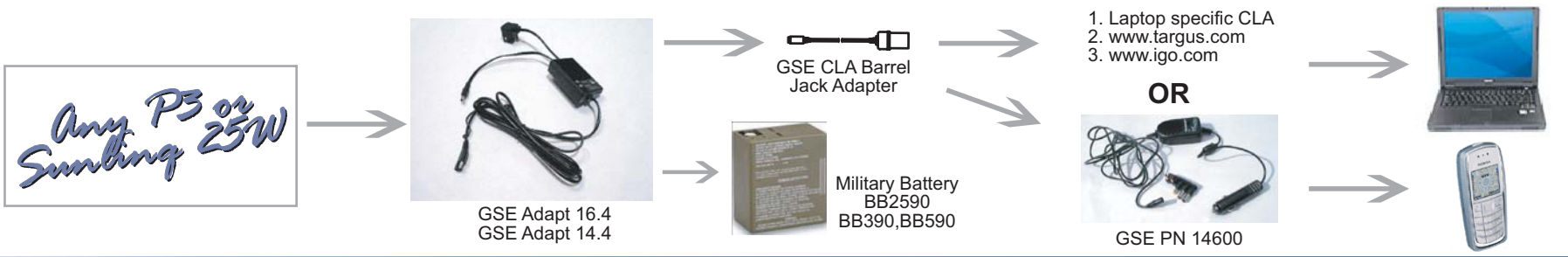
## Option 2



## Option 3



## Option 4



# Solar Powered Laptops

## Option 1

### LIGHTWEIGHT/ECONOMICAL SOLUTION - 3.5 lbs. not including computer

- Uses SUNLINQ 12W with accessory cables. SUNLINQ weighs less than one pound
- Uses 2-Outlet CLA Adapter for charging battery pack and device at the same time
- Uses lightweight On-the-Go-Pack battery pack for energy storage
- Can use with various DC converters or with laptop specific CLA from laptop manufacturer
- Adds runtime to laptop during the day
- Best for one day outings when wall plug charging is also available at night
- Vansen brand DC converter (shown) available from Global Solar Energy
- Vansen has 7 output selections: 15V/16V/18V/19V/20V DC at 3.5A regulated; 22VDC/24VDC at 2.9A regulated
- Vansen output with five detachable plugs include 5 coaxial connectors: (5.5 x 2.1 mm; 5.5 x 2.5 mm; 4.75 x 1.7 mm; 6.3 x 3.0 mm and 6.5 x 1.4 mm) check laptop or device connector size for correct fit
- See [www.belkin.com](http://www.belkin.com), [www.targus.com](http://www.targus.com), or [www.igo.com](http://www.igo.com) for CLA specific for your laptop or device

## Option 2

### LIGHTWEIGHT SOLUTION FEWER COMPONENTS - from 2.8 to 3.5 lbs. not including computer

- Can use SUNLINQ 25W with included accessory cables. SUNLINQ 25W weighs 1.7 lbs.
- Can use P3 15W or P3 30W with accessory cables added. P3 15W weighs 1.6 lbs., P3 30W weighs 2.4 lbs.
- Need Global Solar Energy Barrel Plug Cable 2.1mm (PN 28001)
- Adds runtime to laptop during the day
- Best for one day outings when wall plug charging is also available at night
- Use with My Power All battery pack from Tekkeon a more intelligent battery pack
- My Power All battery pack from Tekkeon includes laptop adapters for Averatec, Compaq, Dell, Fujitsu, Gateway, HP, IBM, NEC, Panasonic, Samsung, Sony, Toshiba, Twinhead, and Winbook. Other adapters for connection are available from their website for Apple computers
- If using with My Power All battery pack from Tekkeon and a CLA adapter for your device a GSE CLA Barrel Jack Adapter cable (PN 28000) will also be needed

## Option 3

### MOST UNIVERSAL & LONG LASTING POWER SOLUTION - from 13 to 64 lbs. not including computer

- Can use with any Global Solar Energy solar panel product
- Need Global Solar Energy accessory cable pack with P3, included with SUNLINQ
- Need Xantrex Powerpack 150, 300, or 600HD
- Great for multiple days outdoors
- Most universal charging option for AC and DC loads
- Solution for charging various batteries or running devices through a CLA Adapter
- See [www.belkin.com](http://www.belkin.com), [www.targus.com](http://www.targus.com), or [www.igo.com](http://www.igo.com) for CLA specific for your laptop or device

Laptop Computer Run-Time Chart (assumes 25W avg. power load)

	Battery	6.5W	12W	15W	25 & 30W	48W	55W
Current		.43Amps	.8Amps	.78Amps	1.5Amps	2.5Amps	2.8Amps
Batteries America On-the-Go-Pack	2.5 hrs.	1.1 hrs.	2.0 hrs.	—	—	—	—
Tekkeon My Power All	2.5 hrs.	—	—	2.0 hrs.	2.5 hrs.	2.5 hrs.	2.5 hrs.
Xantrex Pocket PowerPack	2.5 hrs.	1.1 hrs.	2.0 hrs.	—	—	—	—
Xantrex 150	4.5 hrs.	1.1 hrs.	2.0 hrs.	2.0 hrs.	3.75 hrs.	6.25 hrs.	6.25 hrs.
Xantrex 300+	8 hrs.	1.1 hrs.	2.0 hrs.	2.0 hrs.	3.75 hrs.	6.25 hrs.	6.25 hrs.
Xantrex 600HD	11 hrs.	1.1 hrs.	2.0 hrs.	2.0 hrs.	3.75 hrs.	6.25 hrs.	6.25 hrs.

NOTE: Run times are approximate and will vary depending on specific Laptop device used and amount and quality of sun exposure. This chart uses an average of five full-sun hours per day for calculating run-times.

## Option 4

### MILITARY BATTERY POWER SOLUTION - from 6.18 to 8.9 lbs. not including computer

- Can use with any Global Solar Energy P3 solar panel or SUNLINQ 25W products
- Need Global Solar Energy GSE Adapt 16.4 for BB2590 or GSE Adapt 14.4 for BB590 or BB390
- Need Global Solar Energy CLA Barrel Jack Adapter (PN 28000)
- Uses BB2590, BB390 or BB590 military battery
- Can use with various DC converters or with laptop specific CLA from laptop manufacturer
- Can also be used to charge military radios, Sat Phones and other 12V devices
- See [www.belkin.com](http://www.belkin.com), [www.targus.com](http://www.targus.com), or [www.igo.com](http://www.igo.com) for CLA specific for your laptop or device
- Vansen brand DC converter (shown) available from Global Solar Energy
- Vansen has 7 output selections: 15V/16V/18V/19V/20V DC at 3.5A regulated; 22VDC/24VDC at 2.9A regulated
- Vansen output with five detachable plugs include 5 coaxial connectors: (5.5 x 2.1 mm; 5.5 x 2.5 mm; 4.75 x 1.7 mm; 6.3 x 3.0 mm and 6.5 x 1.4 mm) check laptop or device connector size for correct fit

