






Solar Notebook Kits from Solar Schoolhouse

for charging cellphones & powerbanks (light).






features	NB4	N42	NB42E123	NB4WG
		Looks like NB4 but with 2 panels		
Kit Price	\$32	\$52	\$83	\$32
Solar Panel (8v*400mA), quantity	1	2	2	1
Power rating	3.2watts	6.4watts	6.4watts	3.2watts
Time to charge Powerbank (2600mAh) or Smartphone in clear direct sunlight	~5 hours	~2.5 hours	~2.5 hours	~5 hours
USB Car Charger(DC-DC converter), 1 port	1	1	-	1
USB Car Charger(DC-DC converter), 2 port	-	-	1	-
12vdc Autosocket	1	1	1	-
Foam Tape, double sided, 6 squares per panel	√	√	√	√
Coroplast, repurposed campaign sign, precut	-	-	2	-
Wire nuts, for solder-free wire connections	√	√	√	√
Zip ties	√	√	√	√
Rubber bumpers	√	√	√	√
Pencil Pouch, for housing Powerbank, Lights.	-	-	1	-
Power Bank, 2600mAh, with capacity indicators, and "Saving Sunshine for a Rainy Day" sticker, includes microUSB to USB cable, for charging	-	-	1	-
Light, USB LED Light Bulb. Area light	-	-	1	-
Light, USB LED Light Stick. Reading Light	-	-	1	-
DC motor	-	-	-	1
2" yellow Wheel, with holes for pipe cleaners	-	-	-	1
Velcro for yellow wheel	-	-	-	1
Alligator clips, Red/black, + short wire	-	-	-	√
Pipe cleaners + UV energy beads for mini Whirlygig	-	-	-	1
Soldering?	Optional	Optional	Optional	Required



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Accessories

<p>Powerbank. 2600mAh capacity. With 4 LED capacity indicators. Includes “Saving Sunshine for a Rainy Day” sticker. Includes microUSB to USB charging cable. This is included in NB42E123, but not the other kits.</p>		<p>\$9.90/ea</p>
<p>1ft USB 2.0 A Male to A Female Extension Cable. For use with USB Power Meter (Keweisi).</p>		<p>\$2.60/ea</p>
<p>USB Power Meter (Keweisi) (# RFT-USBMTR). For measuring charging characteristics of Solar Notebook to powerbank/cellphone. Measures Volts, Amps, Charging Time, and Energy (mAh). Invaluable when evaluating different solar charging conditions – to determine what is best.</p>		<p>\$9.50/ea</p>
<p>USB LED Light Bulb (# RNDS-USBLightBulb) Add ambient light source to your solar charger set. This is included in NB42E123, but not the other kits.</p>		<p>\$3.50/ea</p>
<p>USB LED Light Stick (# RNDS-USBLightStk). Add focused reading light source to your solar charger set. This is included in NB42E123, but not the other kits.</p>		<p>\$4.50/ea</p>

Assembly instructions posted online at <https://solarschoolhouse.org/notebook/>

You Provide: Duct Tape, 3” wide is best, but 2” wide can work. Pick some colored options for better looking result (vs. Grey only). Uline.com is a good source for 3” wide tape.

Paper cardboard or plastic cardboard (coroplast) for binder, for all models except NB42E123.

Optional: stickers, or clipped art from solar magazines to create collage/message on outside of Solar Notebook. Requires glue stick & clear packing tape to cover the design.

Tools Required: Wire Cutter/stripper, Rulers, Markers, sharp pointed tool for making holes in cardboard/coroplast (or small Philips screwdriver), utility knife (or snap knife). Soldering is optional for NB4, NB42, NB42E123, but required for NB4WG

ⁱ Prices. Add Sales Tax to these listed prices for recipients in California. Call or email for Shipping Estimate. 707-829-3154 or info@rahus.org