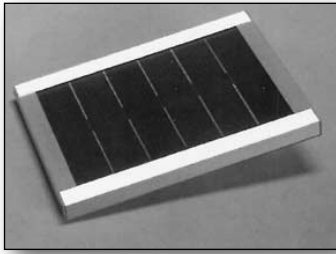


Solar Modules



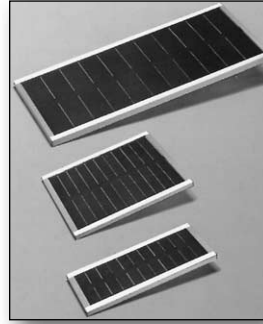
UniSolar US-3

UNI-SOLAR®

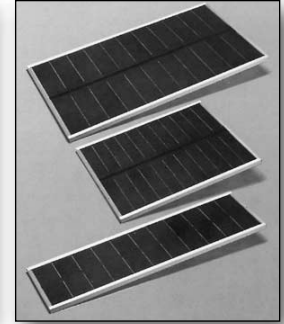
UNI-POWER™ Module Features

UNI-POWER modules are exceptional in performance and durability. The heart of the UNI-POWER module is the Triple Junction silicon solar cell unique to Uni-Solar. Each cell is composed of three semiconductor junctions stacked on top of each other for diverse light level absorption. This spectrum splitting capability is the key to higher efficiency and superior operation in low light levels. The cell junctions are deposited onto a stainless steel film encapsulated in UV stabilized EVA

polymers and laminated to a Galvalume™ coated, steel backing plate. The modules feature a clear Tefzel® front covering. The unbreakable, non-glass module is bonded to an anodized aluminum frame for strength. Frame includes mounting holes. The US-116, US-64, US-42 and US-32 feature bypass diodes, weather resistant junction boxes with 1/2 NPT knock outs and carry a twenty-year limited warranty. The US-21, US-11 and US-5 carry a ten-year limited warranty and include an 8' cable. The US-3 features a built-in blocking diode and carries a three-year limited warranty. US-116 is configured for 24 volt operation, all others 12 volt operation. All are UL listed.



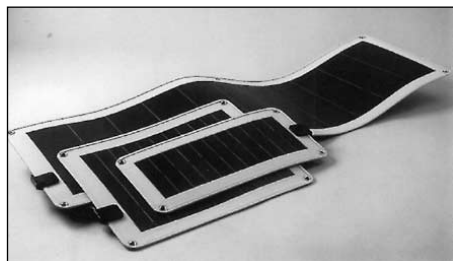
From top: US-21, US-11, US-5



From top: US-64, US-42, US-32

	R ()	R ()	R ()	¢ ()	¢ ()	()	()	R
US-3	2.68	8.10	0.33	12.0	0.40	11.26" x 8.07"	1.7	\$53.00
US-5	5	16.5	0.30	23.8	0.37	19.33" x 8.07"	2.5	\$66.00
US-11	10.3	16.5	0.62	23.8	0.78	19.33" x 15.08"	3.6	\$128.00
US-21	21	16.5	1.27	23.8	1.59	36.54" x 15.07"	6.6	\$177.00
US-32	32	16.5	1.94	23.8	2.40	53.78" x 15.07"	10.0	\$226.00
US-42	42	16.5	2.54	23.8	3.17	36.55" x 29.18"	13.8	\$277.00
US-64	64	16.5	3.88	23.8	4.80	53.78" x 29.18"	20.2	\$405.00
US-116	116	30.0	3.88	43.2	4.80	97.00" x 30.20"	44	\$721.00

Rated current and voltage at Maximum Power Point (MPP)



UNI-SOLAR®

Flexible Solar Battery Chargers

Each UNI-SOLAR battery charger incorporates the same Triple Junction solar cell technology as the Uni-Power module. The flexible modules are exceptionally durable and are encapsulated in EVA and bonded and stitched to a cushioned, vinyl and foam backing material. The modules feature a clear Tefzel® front covering. Bypass diodes are connected across each cell, allowing the modules (excluding FLX-5) to produce power even when partially shaded. Blocking diodes are included in a small sealed junction box located at the top of the module. Each panel has 8 feet of cable with 2-pin SAE connector, and is packaged with a 2-foot fused battery cable. These modules carry a three-year limited warranty and are UL listed.

	R ()	R ()	R ()	¢ ()	¢ ()	()	()	R
FLX-5	5	16.5	0.30	23.8	0.37	21.80" x 9.71"	1.18	\$95.00
FLX-11	10.3	16.5	0.62	23.8	0.78	21.80" x 16.70"	2.00	\$159.00
FLX-32	32	16.5	1.94	23.8	2.40	56.27" x 16.70"	4.70	\$325.00

Rated current and voltage at Maximum Power Point (MPP)