

Uni-pac™ Portable Battery Chargers

Specification Sheet

**Models: UNI-PAC 10
UNI-PAC 15
UNI-PAC 30**

UNI-PAC 15

- **Modules Rating : 10.5, 15.8, 30 Watts**
- **Triple Junction Silicon Solar Cells**
- **Unbreakable Construction**
- **Polymer Laminated**
- **Bypass Diodes for Shadow Tolerance**
- **Easy to Carry and Deploy**
- **Meets Military Requirements for Durability, Reliability and Performance**

new

• **Five Year Limited Warranty**

UNI-SOLAR portable folding solar chargers convert sunlight into electricity using United Solar Systems Corp. unique Triple Junction Technology. UNI-PAC portable chargers are extremely rugged, and their unique design makes them easy to carry and deploy.

UNI-PACs provide power even if riddled with bullet holes, or in partial shade. The UNI-PAC can be dropped, stepped on, packed and re-deployed, while continuing to operate. Military units, trekkers, climbers and professional photographers depend on the UNI-PAC for field communications, emergency power and battery maintenance.



The tough nylon fabric covering of the UNI-PAC allows the unit to be folded to a convenient book size, for easy storage and transport.

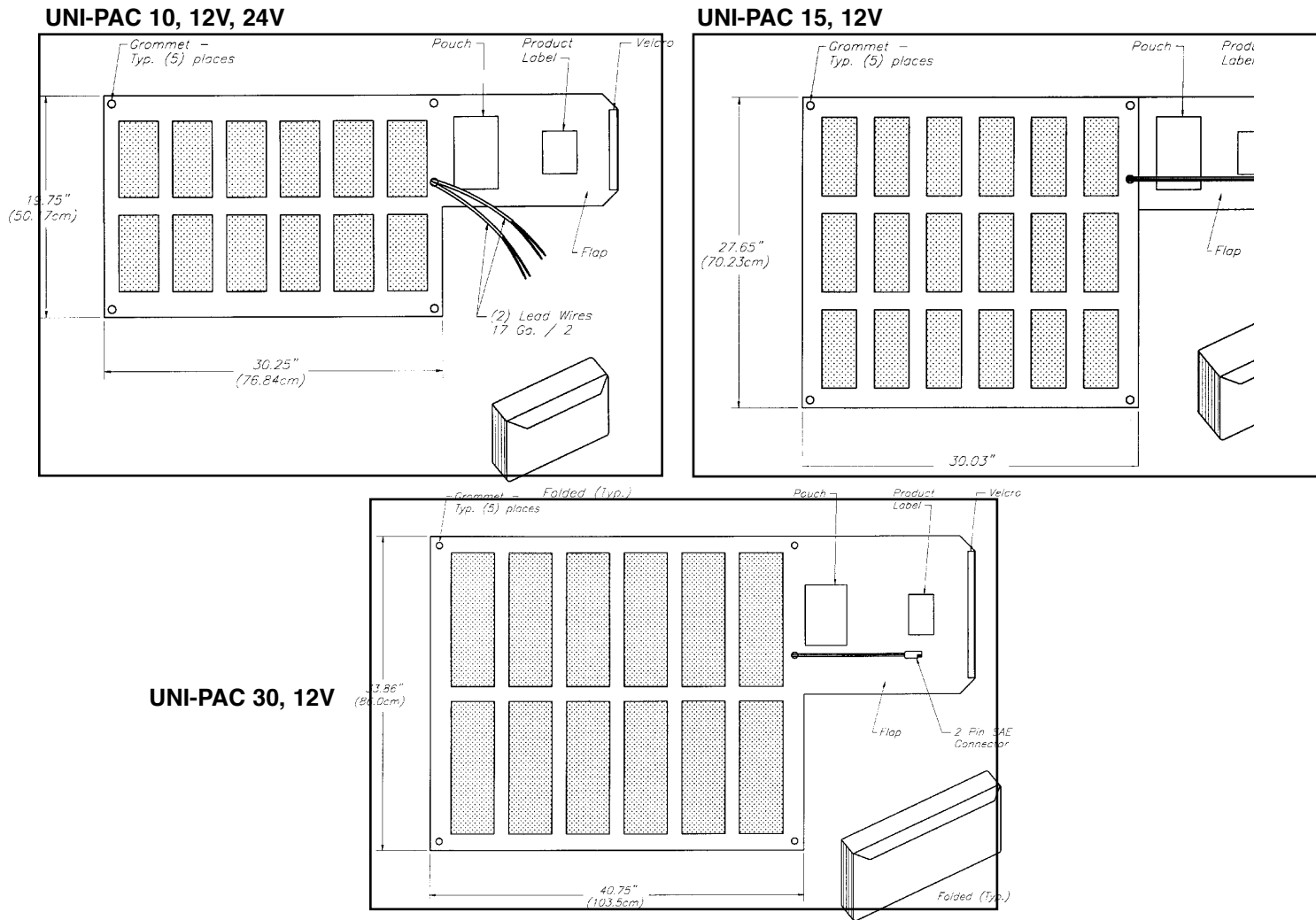
Designed to meet military requirements for durability, performance and reliability, the UNI-PAC features a strong, long-lasting front cover made of Tefzel® (by DuPont). Individual solar laminates contain by-pass diodes, making the UNI-PAC solar chargers tolerant of severe shadow or partial covering.

The UNI-PAC 10 offers dual voltage charging for 12v and 24v, the UNI-PAC 15 and the UNI-PAC 30 are for 12v charging.

Bekaert ECD Solar Systems LLC

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INTERNET: <http://www.uni-solar.com>



Specifications

	UNI-PAC 10 (When 12V)	UNI-PAC 10 (When 24V)	UNI-PAC 15	UNI-PAC 30
Rated Power (Pmax)	10.5 Watts	10.5 Watts	15.8 Watts	30.0 Watts
Operating Voltage (Vmp)	17.6 Volts	35.2 Volts	17.6 Volts	17.6 Volts
Operating Current (Imp)	0.6 Amps	0.3 Amps	0.9 Amps	1.7 Amps
Open Circuit Voltage (Voc)	26.0 Volts	51.9 Volts	26.0 Volts	26.0 Volts
Short Circuit Current (Isc)	0.74 Amps	0.37 Amps	1.11 Amps	2.1 Amps
Size, Folded	2" X 5.46"	2" X 5.46"	3.07" X 5.46"	2" X 7.09"
Weight	2.1 lbs.	2.1 lbs.	3.25 lbs.	4.7 lbs.

UNI-SOLAR product specifications and availability subject to change.
 UNI-SOLAR is a registered trademark of United Solar Systems Corp.



Uni-pac™ Portable Battery Chargers

Specification Sheet

**Models: UNI-PAC 10
UNI-PAC 15
UNI-PAC 30**

- **Portable Solar Charging**
- **Unique and Durable**
- **5-Year Warranty**

UNI-SOLAR portable solar chargers convert sunlight into electricity using United Solar Systems Corp. Triple Junction Technology. UNI-PAC portable chargers are extremely rugged, and their unique design makes them easy to carry and deploy.

Solar modules for remote applications must be tough, lightweight and easy to transport. *UNI-SOLAR* UNI-PACs are designed for the challenge of the field. They provide power even with bullet holes or in partial shade. The UNI-PAC can be dropped, stepped on, packed and re-deployed, and will continue to operate. Field-proven as dependable and easy to use for military units, trekkers, climbers and professional photographers depend on the UNI-PAC for field communications, emergency power and battery maintenance.

UNI-PAC 30



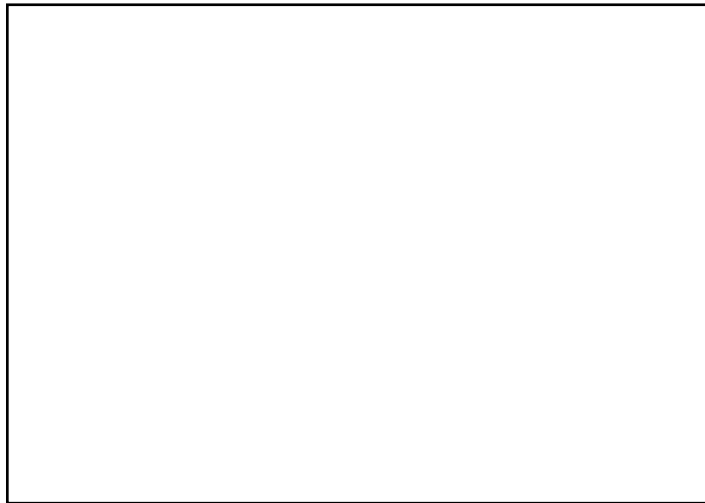
The unique design of the UNI-PAC features a lightweight construction without glass or fragile crystalline to break, crack, or add on extra weight. The tough nylon fabric covering allows the unit to be folded to a convenient book size, for easy storage and transport. The UNI-PAC 10 offers dual voltage charging for 12v and 24v, the UNI-PAC 15 and the UNI-PAC 30 are for 12v charging.

The UNI-PAC was designed to meet military requirements for durability, performance and reliability. Tefzel® (by DuPont) serves as a strong, long-lasting front cover. Individual solar laminates contain by-pass diodes, making the UNI-PAC solar chargers tolerant of severe shadow or partial covering. Charging rate and voltage can even be adjusted to meet specific needs.

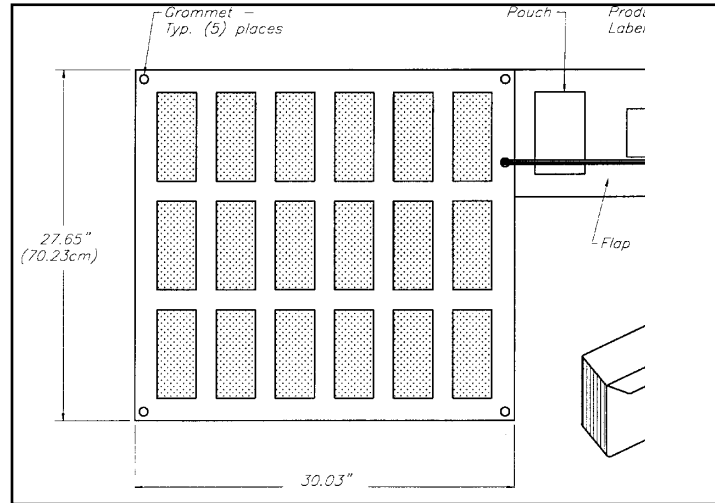
United Solar Systems Corp.

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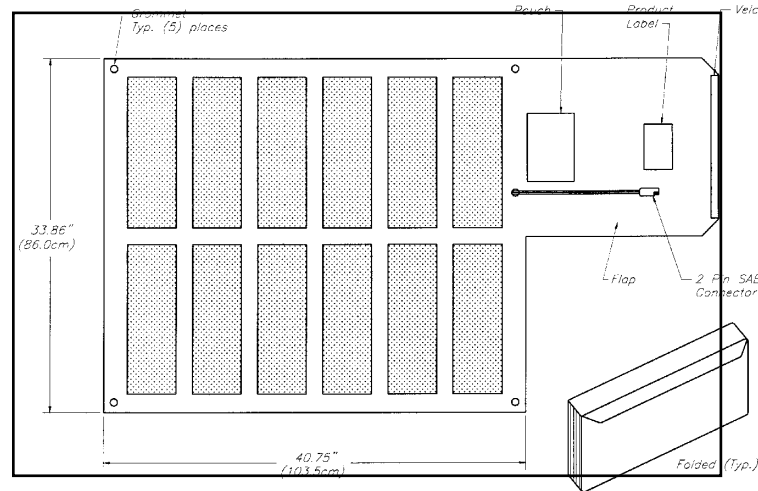
UNI-PAC 10, 12V, 24V



UNI-PAC 15, 12V



UNI-PAC 30, 12V



Specifications

	UNI-PAC 10 12 VOLT	UNI-PAC 10 24 VOLT	UNI-PAC 15	UNI-PAC 30
Rated Power (Pmax)	10.5 Watts	10.5 Watts	15.8 Watts	30.0 Watts
Operating Voltage (Vmp)	17.6 Volts	35.2 Volts	17.6 Volts	17.6 Volts
Operating Current (Imp)	0.6 Amps	0.30 Amps	0.9 Amps	1.7 Amps
Open Circuit Voltage (Voc)	26.0 Volts	51.9 Volts	26.0 Volts	26.0 Volts
Short Circuit Current (Isc)	0.74 Amps	0.37 Amps	1.11 Amps	2.1 Amps
Size, Folded	2" X 5.46"	2" X 5.46"	3.07" X 5.46"	2" X 7.09"
Weight	2.1 lbs.	2.1 lbs.	3.25 lbs.	4.7 lbs.

UNI-SOLAR

INTERNET: <http://www.ovonic.com/unisolar.html>

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