

Price list 2023

SOLBIAN
FREEDOM POWERED BY THE SUN


MADE IN ITALY



[SOLBIAN.EU](https://www.solbian.eu)

SOLBIAN PRICE LIST

VALID FROM OCTOBER 2023

Power at the highest level



SP Series

The SP series is at the top of the range, thanks to the use of Maxeon back-contact solar cells, able to convert up to 25.5% of sunlight into electricity and with a pleasant appearance thanks to the electrical contacts hidden on the back. Back-contact cells represent the most advanced technology on the market, and make the SP Solbian panels the highest-efficiency flexible panels.

	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Peak Power (W)	Rated Voltage (V)	Rated Current (A)	N. of Cells	Price €/Wp	Price € (excluding VAT)*
SP 44	1490	546	2	2,0	150	26,8	5,6	44	7,5	1125
SP 40	1363	546	2	1,8	138	24,6	5,6	40	7,5	1035
SP 36 L	1236	546	2	1,6	124	22,1	5,6	36	7,5	930
SP 36 Q	855	800	2	1,6	124	22,1	5,6	36	7,5	930
SP 32	1109	546	2	1,5	110	19,6	5,6	32	7,5	825
SP 24	855	546	2	1,1	82	14,6	5,6	24	7,5	615
SP 16 L	1109	292	2	0,8	54	9,6	5,6	16	7,5	405
SP 16 Q	601	546	2	0,8	54	9,6	5,6	16	7,5	405

MAXEON is a registered trademark of Maxeon Solar Technologies, Ltd., in the United States of America and other countries.

Super rugged series



SR Series

The monocrystalline high efficiency SR cells are sandwiched by two patented metallic grids. The metallic grid on the front of the cell is specifically designed to maximize the current harvesting. On the rear of the cell a second grid provides extreme resistance to cracks and over-bending. The grids essentially form a double shield that acts as a conducting reinforcement to the solar cell. Extreme crack and bend tolerance are built in, providing a guarantee of high efficiency and unmatched durability.

	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Peak Power (W)	Rated Voltage (V)	Rated Current (A)	N. of Cells	Price €/Wp	Price € (excluding VAT)*
SR 48	1386	994	2	3,3	240	25,3	9,5	48	5,5	1320
SR 36 L	1548	694	2	2,6	180	18,9	9,5	36	5,5	990
SR 36 Q	1063	994	2	2,5	180	18,9	9,5	36	5,5	990
SR 32	1386	694	2	2,3	160	16,8	9,5	32	5,5	880
SR 24	1063	694	2	1,8	120	12,6	9,5	24	5,5	660
SR 16 L	1386	371	2	1,2	80	8,4	9,5	16	5,5	440
SR 16 Q	739	694	2	1,2	80	8,4	9,5	16	5,5	440
SR 14	1225	371	2	1,1	70	7,4	9,5	14	5,5	385

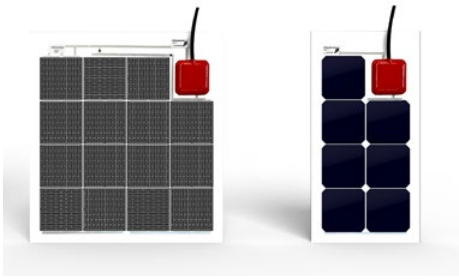
* Fixing accessories and other options are not included in the price



ALLinONE Solution

The ALLinONE solution: solar panel and charge controller. To make solar energy simpler, suitable for the enthusiast as well as the professional user. All the electronics you need are already packed into the rugged waterproof box: a sophisticated MPPT controller capable of boosting the voltage to match with your battery pack.

Available for lead and lithium batteries.



	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Peak Power (W)	Battery Voltage (V)	Maximum Current (A)	N. of Cells	Price € (excluding VAT)*
SP 19 AiO	728	546	15	1,1	65	12/24	5/2,5	19	565
SP 15 L AiO	1109	292	15	0,9	51	12/24	4/2	15	463
SP 15 Q AiO	601	546	15	0,9	51	12/24	4/2	15	463
SP 7 AiO	600	292	15	0,6	24	12/24	2/1	7	259

	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Peak Power (W)	Battery Voltage (V)	Maximum Current (A)	N. of Cells	Price € (excluding VAT)*
SR 19 AiO	881	694	15	1,7	95	12/24	8/4	19	603
SR 15 L AiO	1366	371	15	1,3	75	12/24	6/3	15	493
SR 15 Q AiO	719	694	15	1,3	75	12/24	6/3	15	493

* Fixing accessories and other options are not included in the price

Accessories

	Description	Price € (excluding VAT)
Adhesive	Double-sided adhesive tape for a permanent bonding	30
Steel eyelets	Eyelets realized on the edges of the panel	20
LOXX fasteners	Strap buttons that allow easy installation and removal of the panel (each)	8
Zipper	Zipper sewn on the edge of the panel	120
Velcro	Velcro tape on the four panel edges	150
Stiffening	Mechanical stiffening via fiberglass bars or Forex sheets	50
Connectors	To realize the electrical connection to the junction box (a pair)	8
Y connector	To connect in parallel two panels (each)	14
Diode connector	Blocking diode for parallel panels connection (each)	8
Deck seals	With two connectors incorporated, allows a removable installation, with a safe and elegant solution for the cables	50
Cables	Extension cables for the wiring (€/meter)	2
Circuit breaker	To protect your circuit. Available in different sizes (20/40/50 A)	30



The most advanced solar USB charger in the market Energy Flyer

Energy Flyer is the most advanced solar USB charger in the market. The perfect choice for people who need energy without compromises, in the most critical missions, for leisure or work.

Price (excluding VAT) **€ 99.00**

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Charge controllers

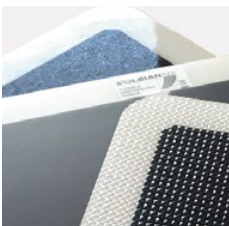
Solbian offers some of the most advanced charge controllers of the market, for optimal solar power management in all conditions. Victron SmartSolar controllers can be controlled by your smartphone. Lithium batteries must have an integrated Battery Management System (BMS). Genasun controllers can be customized on request.

		Type	Bluetooth	MAX Panel Power	Min Panel Voltage	MAX Panel Voltage	MAX Current	Battery Type	Battery Voltage	Price € (excluding VAT)	
Western	WMarine10	U/D	N	120 W (12 V) / 220 W (24 V)	5 V (12 V) / 10 V (24 V)	40 V	10 A	Pb/Li	12 / 24	€ 151,00	
Western	WRM20	D	N	310 W (12 V) / 620 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	20 A	Pb/Li	12 / 24	€ 153,00	
Western	WRM20+ (WDR compatible)	D	N	310 W (12 V) / 620 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	20 A	Pb/Li	12 / 24	€ 177,00	
Western	WRM30+ (WDR compatible)	D	N	450 W (12 V) / 900 W (24 V) / 1800 W (48 V)	18 V (12 V) / 32 V (24 V) / 62 V (48 V)	150 V	30 A	Pb/Li	12 / 24 / 48	€ 361,00	
Western	WRM15 dualB-E (2 batt.)	D	S	250 W (12 V) / 500 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	15 A	Pb/Li	12 / 24	€ 223,00	
Western	WRM15 dualB (2 batt.)	D	S	250 W (12 V) / 500 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	15 A	Pb/Li	12 / 24	€ 262,00	
Genasun	GV-10-Pb-12V	D	N	140 W	18 V	34 V	10.5A	Pb	12 V	€ 114,00	
Genasun	GV-10-Li-14.2V	D	N	140 W	20 V	34 V	10.5A	4S LiFePO4	12 V	€ 147,00	
Genasun	GVB-8-Pb-12V**	U	N	105 W	5 V	60 V	8 A (input)***	12V	12 V	€ 136,00	
Genasun	GVB-8-Li-14.2V**	U	N	105 W	5 V	60 V	8 A (input)***	4S LiFePO4	12 V	€ 163,00	
Genasun	GVB-8-Pb-24V**	U	N	210 W	5 V	60 V	8 A (input)***	24V	24 V	€ 174,00	
Genasun	GVB-8-Li-28.4V**	U	N	210 W	5 V	60 V	8 A (input)***	8S LiFePO4	24 V	€ 207,00	
Genasun	GVB-8-Pb-36V**	U	N	325 W	5 V	60 V	8 A (input)***	36V	36 V	€ 174,00	
Genasun	GVB-8-Li-41.7V**	U	N	325 W	5 V	60 V	8 A (input)***	10S Li-ion*	36 V	€ 207,00	
Genasun	GVB-8-Pb-48V**	U	N	350 W	5 V	60 V	8 A (input)***	48V	48 V	€ 174,00	
Genasun	GVB-8-Li-56.8V**	U	N	350 W	5 V	60 V	8 A (input)***	16S LiFePO4	48 V	€ 207,00	
Genasun	GVB-8-Li-42.6V-WP	U	N	325 W	5 V	60 V	8 A (input)***	12S LiFePO4	36 V	€ 223,00	
Genasun	GVB-8-Li-50.0V-WP	U	N	350 W	5 V	60 V	8 A (input)***	12S Li-ion*	48 V	€ 223,00	
Genasun	GVB-8-Li-54.6V-WP	U	N	350 W	5 V	60 V	8 A (input)***	13S Li-ion*	48 V	€ 223,00	
Genasun	GVB-8-Li-58.4V-WP	U	N	350 W	5 V	60 V	8 A (input)***	14S Li-ion*	48 V	€ 223,00	
Victron	SmartSolar 75/15	D	S	220 W (12 V) / 440 W (24 V)	18 V (12 V) / 32 V (24 V)	75 V	15 A	Pb/Li	12 / 24	€ 138,00	
Victron	SmartSolar 100/20	D	S	290 W (12 V) / 580 W (24 V) / 1160 W (48 V)	18 V (12 V) / 32 V (24 V) / 62 V (48 V)	100 V	20 A	Pb/Li	12 / 24 / 48	€ 184,00	
Victron	SmartSolar 100/30	D	S	440 W (12 V) / 880 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	30 A	Pb/Li	12 / 24	€ 264,00	
Victron	SmartSolar 150/35	D	S	500 W (12 V) / 1000 W (24 V) / 2000 W (48 V)	18 V (12 V) / 32 V (24 V) / 62 V (48 V)	150 V	35 A	Pb/Li	12 / 24 / 48	€ 379,00	
Victron	SmartSolar 100/50	D	S	700 W (12 V) / 1400 W (24 V)	18 V (12 V) / 32 V (24 V)	100 V	50 A	Pb/Li	12 / 24	€ 379,00	
Victron	Smart Battery Sense		S	Victron SmartSolar battery monitor							€ 46,00
Victron	MPPT Control			Controller monitor with VE-Direct port							€ 92,00
Victron	VE.Direct cable			VE-Direct cable: 0,9 - 3 - 5 meters							€ 21,00

Legend: U= Step up; D= Step down; U/D= Mixed

* Li-ion includes LiPO, LiCoO₂, LiMn
** Waterproof version available (-WP)

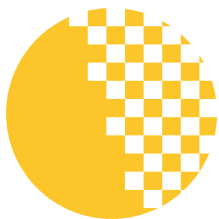
***Genasun recommends the GVB-8 for panels with Imp up to 9 A.



Aesthetic options
Frontsheet

Customers can choose the finishing that better suits their needs: matte, glossy or textured.

+0.5 €/W will be applied for the textured finishing



Where quality meets beauty
Invisible Solar Power (ISP) option

SP and SR series can be offered with a completely new look. Thanks to different masking technologies a rich portfolio of graphics will change your idea of solar panel. Solid colors, materials, geometric patterns; the ISP option broadens the meaning of customization in the solar field.

+1 €/W will be applied for the ISP option.

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