

## SOLARLIFE-PRO™-AUT-24V Series

### Description

Complete High-efficiency Off-grid Energy Supply Systems ready to power and/or Back-up your 24VDC automation and access control.

Designed and made to provide reliable and efficient energy supply. Fast Deployment. Rugged Outdoor Design and made to provide reliable and efficient energy supply. Plug&Play. Universal. Safe, Maintenance free and complete. Full protections.

Universal. Compatible with most 24VDC automation systems and types: sliding, swinging, barriers, bollards and bollards, swinging, locks, door and video entry and auxiliary lighting.

### Specifications

**SOLARLIFE-PRO-AUT™** Series are designed to power virtually any device. Remote, Off-grid, in-site and Back-up power. Solutions for 24VDC automations (others available under request). For all use frequency, continuous use or punctual. Use it like Back-Up System.

High-efficiency and compact design solar panel **SOLARPOWER™** and very low self-consumption electronics. More energy and more running time.

High performance design, optimized for power efficiency and form factor. Increase in site reliability.

Long Lasting and High Performance batteries. Two options: Deep-cycle Pb-AGM Solar Battery **SOLARX™** or **SOLARX™-Lithium**. Maintenance Free. Sealed and Safe. UL-94-V0 flammability fire rated. No risk of explosion or leaking.

Modular architecture design. DIN Rail mount inside to organize your equipment. Allows variety of electronics to be included. Flexibility to meet evolving need. Easily expandable and upgradable.

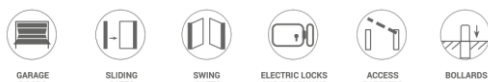
Assembled system for easy, effortless and safe installation and setup. Speeding up deployment and commissioning with zero error. Radical reduction in infrastructure OPEX. Rapid return on investment.

Maintenance Free. Weatherproof, Safe, Robust and specifically engineered to operate in harsh climate conditions. Sealed. IP66-rated. IK10 Protection against solid objects. T<sub>a</sub> Range -20°C to +60 °C. Class II. Fire and UV Resistant. Thermostatically Controlled.

Secure and Reliable Design against IT vulnerabilities and threats.

Total Protection: Fuse Protected. Overcharge and Over discharge. Reverse Polarity. Short circuit. Overload. PV Reverse current. Overvoltage. Undervoltage. Overtemperature.

Multiple installation possibilities: Indoor/Outdoor, Wall/Pole/Floor mounting (different mounting accessories available). Delivered with closing system and key.





## SOLARLIFE-PRO™-AUT-24V Series

### Accessories

#### Available wide range of accessories:

**Battery:** version with SOLARX™ and SOLARX™-Lithium Solar batteries. State-of-the-Art LFP- Lithium Iron-Phosphate energy storage. Safe and Reliable Lithium for high performance applications.

**Power Source:** SOLARPOWER™ Solar panels for more solar energy. Available more power source options: AC Power and SOLAR/AC Power combination.

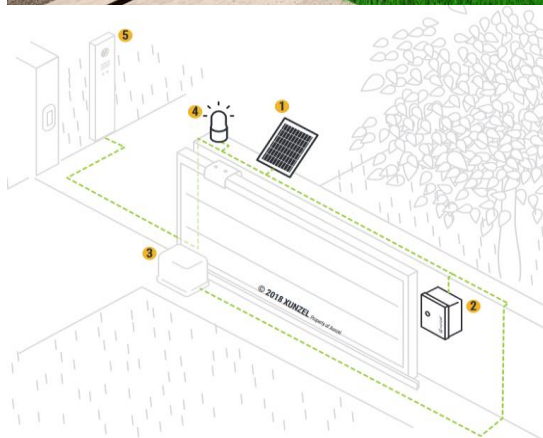
**SOLARLIFE-PRO™ -EXT:** Plug&Play extension KITs (with IP66 connection flanges) for more energy storage and space.

**Mounting Systems:** universal brackets for Wall, Pole, Roof and other supports.

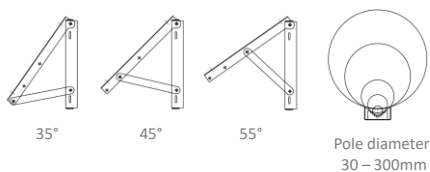
Ventilation system optional.

Available with metal and stainless-steel enclosure.

Approved for flight, rail, marine or road transport. ADR/RID, IMDG, FAA and IATA Approved.



#### Adjustable tilt solar panel support (for pole and wall) SOLPOLEWAL:



#### Plug&Play



100% TESTED All our products are manufactured with the highest quality and 100% tested before delivery units



Pre-assembled Cables.



**SOLARLIFE-PRO-EXT**  
Extension KITs



Robust. Enclosure  
IP66. IK10



XU-2210309-MA

Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications





## SOLARLIFE-PRO™ -AUT-24V Series | Specifications

Model	SOLARLIFE-PRO-AUT-202X14V24	SOLARLIFE-PRO-AUT-302X14V24	SOLARLIFE-PRO-AUT-302X8LV24 <i>Lithium Series</i>	SOLARLIFE-PRO-AUT-1852X30V24	SOLARLIFE-PRO-AUT-3002X30LV24 <i>Lithium Series</i>
<b>Codes</b> Part Numbers	SPA202X14V2 SPA202X14V2B (with mounting kits)	SPA302X14V2 SPA302X14V2B (with mounting kits)	SPA302X8LV2 SPA302X8LV2B (with mounting kits)	SPA1852X30V2 SPA1852X30V2B (with mounting kits)	SPA3002X30LV2 SPA3002X30LV2B (with mounting kits)
<b>Operational Power Capacity</b> 	~ 270Wh	~ 270Wh	~ 192Wh	~ 570Wh	~ 666Wh
<b>Daily Power Generation*</b> 	~ 20-100Wh / day	~ 30-165Wh / day	~ 30-165Wh / day	~ 185-1000Wh / day	~ 300-1600Wh / day
<b>Outputs</b> Continuous Power Rating	24Vdc - 10A	24Vdc - 10A	24Vdc - 15A + 5Vdc – 2100mA (USB)	24Vdc - 10A	24Vdc - 15A + 5Vdc – 2100mA (USB)
<b>Power Load Range**</b> Maximum Power Up to Back-up	~100W (max. 200W) Back-up~100W @ 150-min	~100W (max. 200W) Back-up~100W @ 150-min	~150W (max. 250W) Back-up~100W @ 110-min	~100W (max. 200W) Back-up~150W @ 200-min	~150W (max. 250W) Back-up~150W @ 250-min
<b>Power Source</b> Photovoltaic Solar Panel	SOLARPOWER-20W-24V (with 4 meters solar cable)	SOLARPOWER-30W-24V (with 4 meters solar cable)	SOLARPOWER-30W-24V (with 4 meters solar cable)	SOLARPOWER-185W (with 4 meters solar cable)	SOLARPOWER-300W (with 4 meters solar cable)
<b>Storage</b> Sealed Solar Battery	2x SOLARX-14 battery bank	2x SOLARX-14 battery bank	2x SOLARX-Lithium-8 battery bank	2x SOLARX-30 battery bank	2x SOLARX-Lithium-30 battery bank
<b>Battery Technology</b>	<b>SOLARX:</b> Long Lasting, High Performance Deep-cycle Pb-AGM Solar Battery   Maintenance Free   Sealed and Safe   UL-94-V0   No risk of explosion or leaking   Battery Life Design 6+years <b>SOLARX-Lithium:</b> Long Lasting, High Performance Deep-cycle Lithium Solar Battery with integrated BMS   Maintenance Free   Sealed and Safe   UL-94-V0   No risk of explosion or leaking   Battery Life Design 15+years				
<b>Enclosure and Cabling</b>	Weatherproof Outdoor Ruggedized Enclosure   Fully assembled with internal fixing Rack and completely prewired   Sealed   IP66-rated   IK10 Protection against solid objects   T <sup>a</sup> range: -20°C to +60 °C   Class II   Fire and UV Resistant   Fiberglass Reinforce Polyester   Thermostatically Controlled Ventilation   <b>Available internal space for customer equip (DIN Rail Inside)</b>				
<b>Safety</b>	Total Protection   Fuse Protected. Overcharge and Over discharge. Reverse Polarity. Short circuit. Overload. PV Reverse current. Overvoltage. Undervoltage. Overtemperature.				
<b>Operating Temp Range</b>	-20°C to +60°C   -4°F to +140°C				
<b>Dimensions and Weights</b> Solar panel Enclosure System	420x340x25mm   2.0kg 300 x 250 x 140 mm   9.95 kg	505x430x25mm   2.8kg 300 x 250 x 140 mm   9.95 kg	505x430x25mm   2.8kg 300 x 250 x 140 mm   4.95 kg	1010x992x35mm   11.5kg 400 x 300 x 200 mm   21.0 kg	1640x992x35mm   17.5kg 400 x 300 x 200 mm   <b>13.2 kg</b>
<b>Certifications</b>	CE, RoHS. UN 38.3 (ADR/RID, IMDG, FAA and IATA Approved)				
<b>Optional Accessories</b>	Photovoltaic Solar Panel and Enclosure <b>Mounting KIT for wall and pole</b> (included in Part Numbers finished in B. i.e., SPA202X14V2B) <b>Extension KIT (Optional. Not included)</b> for more energy storage and space for your equip.				

\* winter-summer generation with optimum tilt and orientation and no shadows | \*\* Reference Values depending on use and location for a 24-hour load

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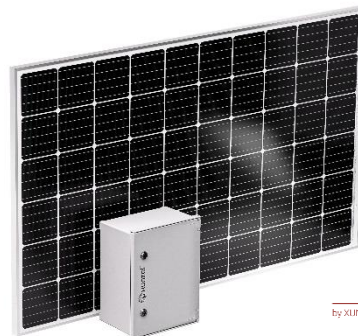


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Model	SOLARLIFE-PRO-AUT-202X14V24	SOLARLIFE-PRO-AUT-302X14V24	SOLARLIFE-PRO-AUT-302X8LV24 <i>Lithium Series</i>
Code Part Number	SPA202X14V2	SPA302X14V2	SPA302X8LV2



Model	SOLARLIFE-PRO-AUT-1852X30V24	SOLARLIFE-PRO-AUT-3002X30LV24 <i>Lithium Series</i>
Code Part Number	SPA1852X30V2	SPA3002X30LV2



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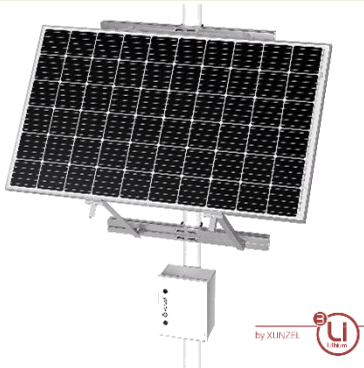


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## SOLARLIFE-PRO™ -AUT-24V Series | Specifications | With universal Wall/Pole Mounting Sets for Solar Panel and Enclosure

Model	SOLARLIFE-PRO-AUT-202X14V24-w/Mounting	SOLARLIFE-PRO-AUT-302X14V24-w/Mounting	SOLARLIFE-PRO-AUT-302X8LV24-w/Mounting <i>Lithium Series</i>
Code Part Number	SPA202X14V2B	SPA302X14V2B	SPA302X8LV2B
			
Model	SOLARLIFE-PRO-AUT-1852X30V24-w/Mounting	SOLARLIFE-PRO-AUT-3002X30LV24-w/Mounting <i>Lithium Series</i>	
Code Part Number	SPA1852X30V2B	SPA3002X30LV2B	
			

\*Pole not included

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