SOLARLIFE-PRO™ IoT/IIoT Series

Complete energy supply systems ready to run IoT/IIoT electronics and/or back up energy

Designed and manufactured to provide reliable and efficient energy supply

Wide range of ready-made systems available for varied requirements

1. High performance design, optimized for power efficiency and form factor

2. Modular design. Allows variety of electronics to be included. Easily expandable and upgradable

3. Pre-assembled systems for easy and safe installation. Speeding up deployment and commissioning with zero error.

4. Safe, Robust and specifically engineered to operate in harsh climate conditions. IP66. IK10. -20°C +60 °C. Class II. Fire and UV Resistant

5. Delivered with closing system and key

6. Multiple installation possibilities: Inside, Outdoor, Wall surface, Floor and Pole mounting (optional accessories)

7. Available plug & play optional extension KITs (with IP66 connection flanges)

8. Ventilation system optional

ELECTRONICS IoT

Pre-assembled
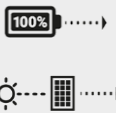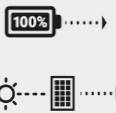
Class II

SOLARLIFE-PRO ™ IIoT
Specifications
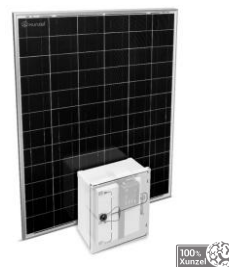
Model	SOLARLIFE-PRO-IIoT-28	SOLARLIFE-PRO-IIoT-60
Code	SLPIOT185S28	SLPIOT185S60
Power Source	SOLARPOWER-185W (with 4 meters solar cable pre-installed)	SOLARPOWER-185W (with 4 meters solar cable pre-installed)
Battery	2x SOLARX-14 230Wh Deep-cycle Pb-AGM Solar Battery Sealed and Safe. Maintenance Free. UL-94-V0 No risk of explosion or leaking.	2x SOLARX-30 450Wh Deep-cycle Pb-AGM Solar Battery Sealed and Safe. Maintenance Free. UL-94-V0 No risk of explosion or leaking.
Enclosure and Cabling	Fully assembled and wired. IP66. IK10. -20°C +60 °C. Class II. Fire and UV Resistant	Fully assembled and wired. IP66. IK10. -20°C +60 °C. Class II. Fire and UV Resistant

System Autonomy	~ 230Wh
	
	~ 185 – 650Wh / day
	   (winter – summer with Optimum tilt and orientation)
		~ 450Wh
		
		~ 185 – 650Wh / day
		   (winter – summer with Optimum tilt and orientation)

Total Protection	Fuse Protected. Overcharge and Over discharge. Reverse Polarity. Short circuit. Overload. PV Reverse current. Overvoltage. Undervoltage. Overtemperature.	Fuse Protected. Overcharge and Over discharge. Reverse Polarity. Short circuit. Overload. PV Reverse current. Overvoltage. Undervoltage. Overtemperature.
Continuous Outputs Rating (DC)	24Vdc – 10A 9Vdc – 3.3A	24Vdc – 10A 9Vdc – 3.3A
Operating Temp Range	-20°C to +60°C	-20°C to +60°C
Available internal space for customer equip	Volume 1: 220 x 100 x 45 mm Volume 2: 190 x 75 x 20 mm or 100 x 90 x 40 mm	Volume 1: 340 X 140 X 40 mm Volume 2: 170 x 130 x 40 mm

Dimensions and Weights
  Solar panel
  Enclosure System
	1236 x 992 x 35 mm | 13.2 kg
	300 x 250 x 140 mm | 9.6 kg
		1236 x 992 x 35 mm | 13.2 kg
		400 x 300 x 200 mm | 20.53 kg

Certifications	CE, RoHS ADR/RID, IMDG, FAA and IATA Approved. DIN 43539-T5, IEC61427-2005 IEC60896-21/22-2004	CE, RoHS ADR/RID, IMDG, FAA and IATA Approved. DIN 43539-T5, IEC61427-2005 IEC60896-21/22-2004
Options	Mounting accessories Extension KITs	Mounting accessories Extension KITs

ELECTRONICS IoT