



REMOTE SOLAR POWER SOLUTION

ALLTIME POWER BOX 12V-48V DC, SUPPLY

DESCRIPTION

Introducing the Alltime Power Box Your Ultimate Solar Power Solution!



The Alltime Power Box (APB25 series) is a versatile outdoor solar power system ideal for powering various electronics in remote or off-grid locations. It's designed for wireless base stations, surveillance setups, remote sensors, lighting, and backup power.

- Applications: Wireless networks, surveillance, remote sensors, lighting, backup power.
- Durable: Weatherproof enclosure (polycarbonate or stainless steel), lockable/sealable.
- Mounting: Versatile mounting options for walls or poles.
- Battery: Long-lasting Lithium Iron Phosphate (LiFePO4) battery with Battery Management System (BMS).
- Power Options: Advanced controllers, some with Power over Ethernet (PoE) support.

Model	Delivery	Duration without full charge	Enclosure type	ELV socket outlet	Battery Voltage	Output voltage	Battery Size	Solar Panel Size	Peak Delivery Power (5 mins)	240V inverter onboard	POE device onboard
APB-7.5-24-DC-PU24-S6	7.5w	55 hours	IP55	24V	12V	12V	40Ahr	50W	300W	Yes	Yes
APB-15-24-DC-PU24-S6	15w	55 hours	IP55	24V	24V	24V	80Ahr	100W	300W	Yes	Yes
APB-25-48-DC-PU12-S6	25w	48 hours	IP55	12V	48V	48V	120Ahr	150W	750W	Yes	Yes
APB-40-48-DC-PU24-S6	40w	36 hours	IP55	24V	24V	48V	200Ahr	200W	1000W	Yes	Yes

APPLICATIONS

- Wireless Base Stations and Clients
- Surveillance Cameras
- Wireless Bridge and Repeaters
- Remote Sensors
- Remote Lighting
- Backup Power Systems
- Solar power sources for electric fences
- Solar power sources for electrical gates



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KEY FEATURES

Efficient Solar Panel: The Alltime Power Box comes equipped with a high-efficiency solar panel that harnesses the power of the sun to charge the built-in battery. Maximize your energy production and reduce dependence on conventional power sources.

Robust Battery and Charge Controller: Within the secure confines of the Power Box lies a powerful battery and an intelligent solar charge controller. This dynamic duo ensures optimal energy storage and efficient charging, providing a continuous and stable power supply for your devices.

Multi-Output Functionality: Adaptability is at the core of the Alltime Power Box. With USB ports for your mobile devices, a 24V or 12V socket for specialized equipment, and a 240V inverter for versatile power needs, this box caters to a wide range of applications.

Versatile Applications:

- **Wireless Base Stations and Clients:** Ensure uninterrupted connectivity with a reliable power source.
- **Surveillance Cameras:** Keep your premises secure with constant surveillance powered by the sun.
- **Wireless Bridge and Repeaters:** Extend your network effortlessly with sustainable energy.
- **Remote Sensors:** Power your remote monitoring systems without relying on the grid.
- **Remote Lighting:** Illuminate remote areas with ease, enhancing safety and visibility.
- **Backup Power Systems:** Safeguard critical operations with a dependable backup power solution.

Durable and Weather-Resistant: Built to withstand the elements, the Alltime Power Box is designed for outdoor use. Its robust construction ensures durability in various environmental conditions. IP 54 box with IP 66 option available. Wind loading up to 45 m/s with compliant foundations.

User-Friendly Design: The Alltime Power Box is user-friendly, with a simple interface that allows for easy monitoring and control. Stay informed about your power usage and battery levels with ease.

