

REMOTE SOLAR POWER SOLUTION ALLTIME POWER BOX 12V-48V DC, AND 240V AC 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.



- **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 from full charge | Enclosure type | ELV socket outlet | Battery Voltage | Output votlage | Battery Size | Solar Panel Size | Peak Delivery Power (5 mins) | 240V inverter onboard | POE device onboard |
|------------------------|----------|--|-------------------|-------------------------|--------------------|-------------------|-----------------|------------------------|---------------------------------------|-----------------------------|--------------------------|
| APB-7.5-12-240-PU24-S6 | 7.5w | 55 hours | IP55 | 24V | 12V | 12V/ 240V | 40Ahr | 50W | 300W | Yes | Yes |
| APB-15-24-240-PU24-S6 | 15w | 55 hours | IP55 | 24V | 24V | 24V/ 240V | 80Ahr | 100W | 300W | Yes | Yes |
| APB-40-48-240-PU24-S6 | 40w | 36 hours | IP55 | 24V | 24V | 48V/ 240V | 200Ahr | 200W | 1000W | Yes | Yes |

APPLICATIONS

- Wireless Base Stations & Clients
- Surveillance Cameras
- Wireless Bridge and Repeaters
- Remote Sensors
- Remote Lighting
- Backup Power Systems
- Power for electric fenses
- 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 un-

interrupted 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.

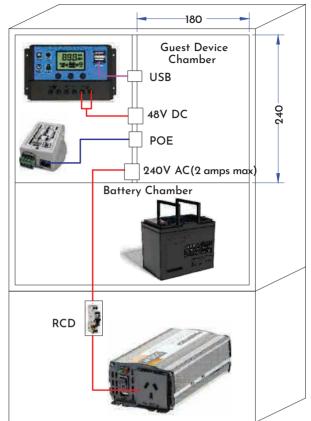
• **Remote Sensors:** Power your remote monitoring systems without relying on the grid.

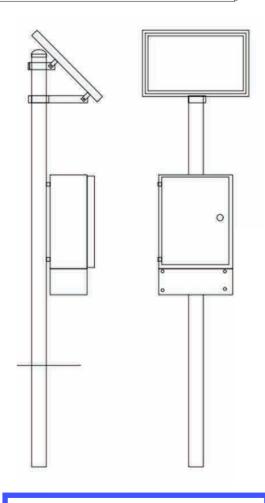
• **Remote Lighting:** Illuminate remote areas with ease, enhancing safety and visibility.

• **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.





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