

24V Power Supply Charger Enclosure



PowerHub 24V Power Supply Charger Enclosure provides a safe and effective way for 24/7 continuous power and monitoring for all types of security control access, PTZ surveillance cameras, building interphone, LED strip light and door access systems.

This power supply enclosure can accommodate a wide range of input voltages to provide a constant output supply of 24VDC. The green circuit design prevents the battery from over-charging and over-discharging. It is also equipped with short-circuit, overload and over-voltage protections. Equipped with battery backup capability, this reduces system downtime and provides constant power output to all connected devices.

Product Highlights:

- Uninterruptible Power Supply
- High efficiency of system of more than 85%
- LED indicators for input, output and battery low voltage
- Light-weight cover which comprises of power supply, dry contact relays, terminals and fuses
- LED indicator for battery charging status
- Individual fuse for each channel of device connected
- Reverse battery polarity protection
- Self-recovery after fault is removed



Applications:

- Arm/Disarm of door access system
- IP, CCTV, PTZ, DVR surveillance camera
- Sensor monitoring such as water flood sensors and gas leakage sensors
- Alarm monitoring
- Home intrusion detection system
- Wireless remote control system
- LED strip lightings



Power to Access Control System Solution

PowerHub 24VDC Power Supply Enclosure

Model	PH-ACS240405	PH-ACS241610
Picture Illustration		
AC Input Voltage	110V – 220VAC	190-240VAC
Rated Current	5A	10A
Maximum Charging Current	1A	1A
Number of Channels	4 Channels	16 Channels
Physical		
Unit Dimension (mm) WxDxH	340 * 85 * 305	285 * 165 * 395
Unit Weight (Kg)	≈ 3.5Kg	≈ 6.2Kg
Battery	2* 9Ah/12V	2* 18Ah/12V

Main functions	
Frequency	50 / 60Hz
LED Indicators	AC Input / DC Output / Battery Charge / Battery Low Voltage
DC Output Voltage	24VDC
Nominal Voltage	24 - 28VDC (Adjustable)
Fuse for each channel	(Standard: Glass Fuse / Optional: PTC)
Ripple Wave :	(mVp-p)<1%
Efficiency	≥85%
Protection	Short Circuit, Over-Voltage and Overload Protection
Battery	Battery over-charging, over-discharging, Reverse battery polarity protection.
Application	All types of control access systems, CCTV Camera, Sensor Monitoring, Alarm Monitoring and Door Access System
Operating temperatures	-20 to 60°C
Humidity	Up to 90% Non-Condensing
Certification	SAA.CE/ROHS/CB Scheme/GS
Alarm	Dry Contact Relay for AC Failure, Battery Low Voltage Failure

* Specifications are subject to change without prior notice