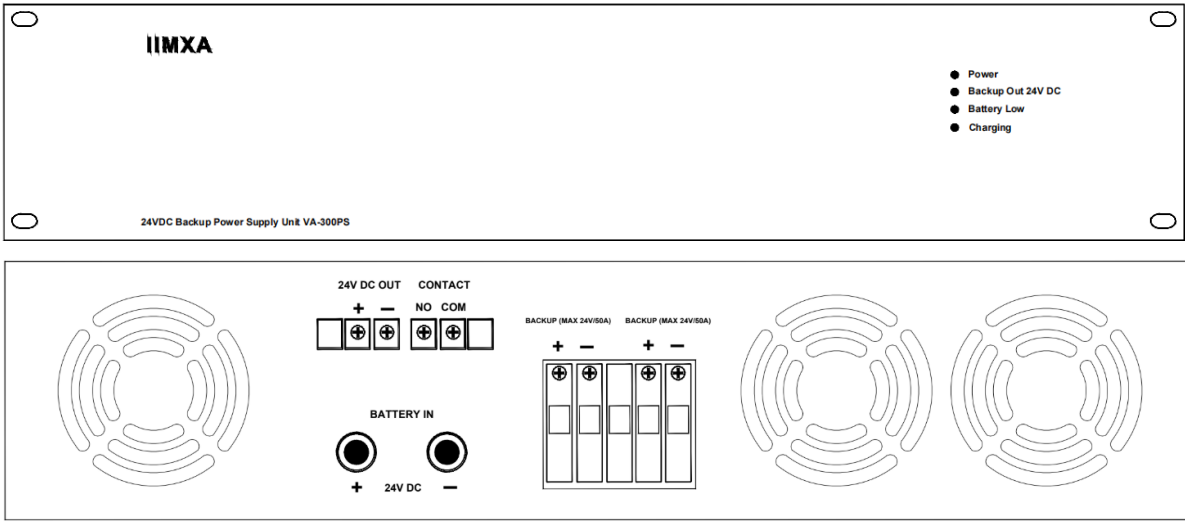


VA-300PS

DC POWER SUPPLY UNIT WITH BATTERY CHARGER

DC POWER SUPPLY UNIT



VA-300PS

DC POWER SUPPLY UNIT WITH BATTERY CHARGER

24VDC 15A Power Supply Unit with Built-in Battery Charger & Dual Contactor Outputs
This robust 24VDC power supply unit delivers a reliable 15A output and features a **built-in intelligent battery charger**, making it ideal for mission-critical applications. Designed for uninterrupted operation, it seamlessly switches to battery backup during AC power outages—**no external switching or wiring required**. Just connect your battery directly for immediate integration.

The unit includes **two built-in 24VDC contactor outputs**, each rated at **50A**, eliminating the need for external contactors. A **50A protective fuse** is also integrated, providing **overcurrent protection** for downstream equipment like power amplifiers—ensuring system reliability and minimizing the risk of damage.

For added functionality, a **24VDC output trigger** activates during AC failure, allowing connection to external alert systems such as buzzers, LED indicators, or emergency interfaces that require instant activation.

Installation is simplified with a **plug-and-play design**, **reducing setup** time for both experienced installers and first-time users. All core functions are **internally configured**, minimizing reliance on extra accessories and ensuring a cleaner, more organized rack layout that’s easy to maintain.

The built-in charger features advanced battery protection mechanisms including **low-voltage disconnect and overcharge current limitation**. These safeguards help prevent premature battery wear due to accidental misconfiguration or prolonged idle commissioning periods—particularly when systems are tested before end-user occupancy.

This **all-in-one solution** is purpose-built for professional environments that demand clean integration, minimal setup complexity, and continuous, dependable power. Just prepare your cables and connect—everything else is ready to go.

Technical Specifications

VA-300PS	
Power Sources (Input)	AC & Battery (As BackUp) 24V DC
Battery Charge Rate	0.1 A- 3A (MAX)
Protection features	
Battery Voltage (Full Charge)	26.6V DC -27.5 V DC
Low Voltage Protection	19.5V DC
Contactor Control Output	50A Fuse x 2
Power Sources Output	
Contactor Output (Amp Control)	24V DC, 50A x 2
Terminal Output (Aux/Override)	24V DC 15A
Control Output(Power-Off Trigger)	24V DC, 1A
Indicator	Power, Back Up Out 24V DC, Battery Low, Charging
Working Temperature	0°C ~ 80°C
Working Relative Humidity (Environment)	20% ~ 80% (Without Condensation)
Dimension	485MM (W) x 375MM (D) x 88MM (H)
Weight	5.0 kg

