

# PL-PMS8

## Overview

The Power Management Unit PL-PMS8 is a professional-grade automatic power management device designed for stage, audio, broadcasting, conferencing rooms, and industrial applications. It features programmable auto sequential power-on and reverse power-off, allowing users to configure intelligent startup and shutdown logic for connected equipment. With smart power scheduling, high-accuracy digital voltage monitoring, universal socket outputs, and an integrated 32A circuit breaker, PL-PMS8 ensures safe, reliable, and automated power control for demanding environments.

## Product Specification

Item	Specification
Power Input	Single-phase, 3-wire (Line, Neutral, Ground) AC220–240V (optional AC90–240V), 50–60Hz
Number of Channels	10 channels (8 relay-controlled universal sockets + 2 direct-output universal sockets).
Maximum Load	2000W per channel / 6000W total
Output Channel Load (per channel)	<ul style="list-style-type: none"> <li>• Socket Type: Universal</li> <li>• Rated Load: Max. 13A per channel</li> <li>• Housing: Flame-retardant ABS</li> <li>• Contacts: Phosphor bronze</li> </ul>
Total Output Current	Max. 30A @ 277VAC (limited by relay contact rating)
Switching Interval / Timer Delay	1.5 seconds
Main Power Cable	3-core cable, 4 mm <sup>2</sup> cross-section, total length 1 meter, with input power plug
PCB Specification	Double-sided fiberglass PCB (FR4), reinforced main power traces with double thickness
Dimensions	480 × 165 × 48 mm (L × W × H), non-standard 1U
Weight	16 kg (5 units per carton, 1 carton)

## Feature

- Panel Color: Iron-black panel
- Switching Sequence: Sequential power-on and reverse power-off
- PASS Key Function: Enables simultaneous activation of all channels
- Voltage Display: High-accuracy digital display
- Main Switch Type: Square rocker switch
- Protection: Integrated 32A air circuit breaker
- Display Meter: Red digital tube voltmeter.

