



Panelboards — Distribution & Lighting

SPECIFICATION SHEET · SERIES CPSAFE PANELBOARDS



Product Overview

Coastal Power Systems provides panelboards rated up to **1200A** and up to **600V**. Engineered-to-order panelboards are available in standard or project-specific configurations to meet application requirements. Field-convertible main designs support future system expansion and breaker modifications. Compact or spacious depending on your building needs.

CPSafe Panelboards are engineered and assembled in accordance with **UL 67** (Panelboards) and **UL 50** (Enclosures) standards, providing safe and reliable distribution of electrical power in commercial, institutional, and industrial environments.

Factory located in Tomball, TX with field service and commissioning available nationwide.



ELECTRICAL RATINGS

STANDARD	UL 67 / UL 50 / NEMA PB 1
SYSTEM VOLTAGE	Up to 600VAC and 250VDC
FREQUENCY	50 / 60 Hz
PHASE / WIRE	1Ø 3W / 3Ø 3W / 3Ø 4W
MAIN BUS AMPACITY	Up to 1200A
SHORT-CIRCUIT RATING (SCCR)	Up to 100 kAIC

MAIN DEVICE TYPE	Main Lug or Main Breaker
BRANCH BREAKER TYPE	Bolt-on or Plug-in designs
NUMBER OF CIRCUITS	Up to 90 circuits
BUS MATERIAL	Cu or Al, Silver / Tin Plated
GROUND / NEUTRAL BUS	100% rated, isolated optional
INTERRUPTING CAPACITY (AIC)	Up to 100 kAIC



CONSTRUCTION & ENCLOSURE

ENCLOSURE TYPE	NEMA 1 / 3R / 4 / 4X / 12
BOX MATERIAL	Galvanized steel · 14 ga / Stainless
TRIM / DOOR FINISH	ANSI 61 Gray or Custom Color powder coat
DOOR CONFIGURATION	Hinged door-in-door / Single door

DIMENSIONS (H × W × D)	Dimensions vary by ampacity and configuration
APPROX. WEIGHT	Weight varies by configuration
MOUNTING	Surface / Flush / Floor
WIRE BENDING SPACE	Per NEC Article 312



KEY FEATURES & BENEFITS

- Field-Convertible Main Design
- Plated Copper Standard
- Multiple Branch Device Configurations Available
- Flexible Mounting Arrangements
- Pre-Punched Conduit Knockouts
- Touch-safe Dead Front Design
- 100% Rated Neutral Bar
- UL-listed assembly with serialized labeling



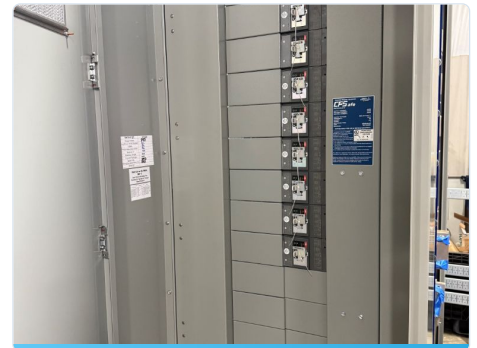
PRODUCT GALLERY



MAIN DISTRIBUTION SECTION



MULTI-SECTION LINEUP



BRANCH CIRCUIT INTERIOR



APPLICATIONS & OPTIONS

TYPICAL APPLICATIONS

- ◆ Commercial Buildings
- ◆ Data Centers
- ◆ Healthcare Facilities
- ◆ Industrial Facilities
- ◆ Educational Buildings
- ◆ Mission Critical / Retrofit Opportunities
- ◆ Power Generation
- ◆ Water / Wastewater
- ◆ Renewable Energy
- ◆ Utility Infrastructure

AVAILABLE OPTIONS & ACCESSORIES

- ◆ SPD — Surge Protection Devices
- ◆ Arc-Flash Reduction Maintenance System
- ◆ Split Neutral Bus
- ◆ Shunt Trip, UVR, Aux Accessories
- ◆ Metering and Monitoring Capabilities
- ◆ Custom Paint or Other Upgrades
- ◆ Engineered-to-Order Configurations
- ◆ Custom Dimensions Available
- ◆ Optional Metering & Monitoring Packages
- ◆ Project-Specific Accessory Packages



STANDARDS & COMPLIANCE

UL 67	Panelboards
UL 50 / 50E	Enclosures for Electrical Equipment
NEMA PB 1	Panelboards

NEC ARTICLE 408	Switchboards, Switchgear & Panelboards
CSA C22.2 NO. 29	Available
SEISMIC QUALIFICATION	Optional — for Critical Applications

SUPPORT SERVICES · Field service, startup assistance, commissioning, and retrofit support available nationwide.



CPSafe™ UL67 Panelboards

POWER DISTRIBUTION SOLUTIONS

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