



an EnerSys® company

Collect 2500

Flexible AC & DC Small Cell (4G/5G) Outdoor Power Cabinet



- Low profile outdoor power cabinet delivering up to 2500W output at 48VDC
- 96% efficiency to reduce operational expense
- Unsurpassed flexibility providing up to (10) 48VDC and (10) 120VAC protected circuits for customer loads
- Integrated 100A VAC load center minimizes pole space and attachment costs
- Stable thermal management system for self-contained rectifier compartment which employs both convection and forced air cooling
- NEMA 3R rating provides protection from ingress of rain, sleet, snow, ice, and foreign objects
- Lightweight design maximizes options for deployment on poles and walls

The Collect 2500 power system overcomes all powering challenges associated with providing AC and DC power for Small Cells. This innovative design offers the ultimate flexibility by providing (10) AC and (10) DC customer load connections.

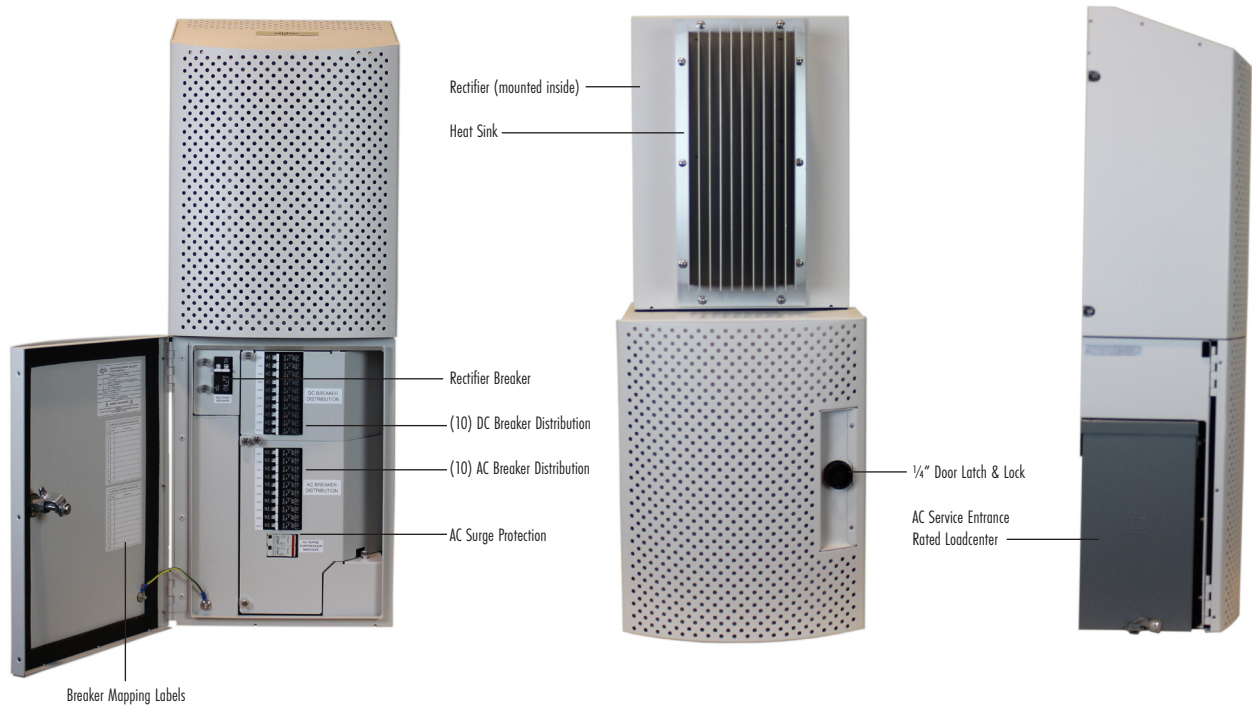
The Collect 2500 power system is based on a highly efficient 2.5kW rectifier that can deliver full output power at 208VAC/240VAC input power. The operating temperature ranges from -30 to 46°C (-30 to 115°F) plus solar loading without derating which makes it perfect for any climate. Pole space and pole attachment costs are minimized with our unique integrated 100A VAC load center. The pole mount bracket streamlines the installation process with a 6" offset from pole that meets utility standards.

The Collect 2500 Power System is a high-powered, flexible, light weight and aesthetically pleasing system which was designed as an all-in-one solution to meet both 4G and 5G deployment needs.

Collect 2500 Flexible AC & DC Small Cell (4G/5G) Power System

Electrical	
AC Nominal Input:	180 to 264VAC
AC De-Rated Input	90-180VAC
AC Input Frequency:	47 to 63Hz
Output Voltage:	-48 to -57.6VDC
Output Power:	2500W
Efficiency:	96%
Input Surge Protection:	DIN-rail AC surge protection device
Mechanical	
Dimensions:	mm: 914H x 355W x 229D inches: 36H x 14W x 9D
Weight:	27.2kg (60lbs)
Mounting:	Pole and wall mount
Accessibility:	Front access only
Output Connections:	AC: (10) output load connections via bottom entry cable knockouts DC: (10) output load connections via bottom entry cable knockouts
Input Connection:	AC cable knockout at bottom of main breaker
Cooling:	Convection and fan cooled

Environmental	
Temperature:	Operation: -30 to 46°C (-30 to 115°F) plus solar loading Storage: -40 to 85°C (-40 to 185°F)
Environmental Protection:	NEMA 3R
Surge Protection:	6kV/3kA
Humidity:	20 to 90% RH
Elevation:	-500 to 2000m (-1640 to 6561ft)
Agency Compliance	
Safety:	CSA/UL 62368-1 (Pending)
EMC:	CFR47 (FCC) Part 15 Class B (Pending)



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