



an EnerSys® company

Collect 5000

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



- Low profile outdoor power system delivering up to 5000W output at 46°C
- 96.9% efficiency to reduce operational expense
- Unsurpassed flexibility providing up to ten 48Vdc and ten 120/240Vac protected circuits for customer loads
- Integrated 100A load center minimizes pole space and attachment costs
- Type 3R rating provides protection from rain, sleet, snow, and ice
- Lightweight design maximizes options for deployment on poles and walls

The Collect 5000 outdoor power system is a hybrid solution offering greater flexibility in breaker options to support both AC and DC power for Small Cells.

The Collect 5000 outdoor power system is based on the highly efficient Cordex® 3.0kW rectifier module. The operating temperature ranges from -30 to 46°C (-30 to 115°F) delivering a maximum of 5000 watts of power and de-rates to 4000 watts at 55°C (131°F) that is ideal for any environmental condition. Pole space and pole attachment costs are minimized with our unique integrated 100-amp load center. The pole mount bracket streamlines the installation process with a 6" offset from pole that meets utility standards.

The Collect 5000 outdoor power system is a front-access, 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.

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P/N: 02900XX-XXX

Electrical	
Input Voltage:	187 to 240 Vac
Input Frequency:	45.0 to 66.0 Hz
Power Factor:	>98%
Efficiency:	96.1% peak
Output Voltage:	DC: -55.5 Vdc AC: Same as input
Output Power:	DC: 5000 W max AC: 13800 W max
Output Current:	DC: 90.1 A max AC: 57.9 A max
DC Load Regulation:	<±0.5%
DC Line Regulation:	<±0.1%
Features	
Protection:	<ul style="list-style-type: none"> • 3kA surge suppression • Pad-lockable ¼ turn latch
Mechanicals	
Dimensions H x W x D:	965 mm x 356 mm x 274 mm (38 in x 14 in x 10.8 in)
Weight:	36.3 kg (80 lb)
Mounting:	<ul style="list-style-type: none"> • Pole • Wall
Cooling:	Heat Exchanger
Connection:	Input: 1 x AC (utility) Output: 10 x DC and 10 x AC

Environmental	
Temperature:	Operation: -30 to 46 °C (-30 to 115 °F) plus solar loading Storage: -40 to 85 °C (-40 to 185 °F)
Relative Humidity:	20 to 90% non-condensing
Elevation:	Up to 2000 m (6561 ft)
Cabinet Rating:	Type 3R
Agency Compliance	
Safety:	CSA/UL 62368-1 (Pending)
EMC:	Emissions: <ul style="list-style-type: none"> • CFR47 (FCC) Part 15 Class A (Pending)



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