



Portero 30A Small Cell System

DAS

Wireless

Base Stations



Portero 30A Cabinet

Product Description

Eagle Eye's SC-Series small cell power systems provide flexible configurations for indoor and outdoor DAS and small cell 5G/4G/LTE applications. They are equipped with full features and options, including battery backup with dry contact alarms. With more than 300,000 systems deployed, our small cell systems are designed to withstand all types of weather conditions and harsh environments for reliable power anywhere on the planet.

Product Features

- Wall or pole mount type
- Battery charger and monitor
- Full featured status and alarms
- Fully featured status and output alarms
- IP55 grade
- Convection cooling type (no fan)
- Battery (12V/18Ah x 4 each)

General Specifications	
Operating Temp	-30 – 50°C (-22 – 122°F)
Storage Temp	-40 – 75°C (-40 – 167°F)
Operating Humidity	10 – 90% (non-condensing)
Storage Humidity	5 – 95% (non-condensing)
Cooling	Convection cooling
Vibration	10 – 55 Hz, 2G, 3 min period / 60 min each (3 axes)
Reliability	100,000 hours MTBF
Altitude	2,000m (6,561ft)
Size (W x D x H)	400 x 245 x 645 mm (15.75 x 9.65 x 25.39 in)
Communication	GUI, input (dry contact)
Approvals (TBD)	UL/cUL 60950-1

Electromagnetic Compatibility (pending)	
Emissions	EN55022 Level A (conducted)
Electrostatic Discharge	EN61000-4-2, 4kV contact / 8kV air
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% air
EFT/Bursts	EN61000-4-4, 2kV
Surge	EN61000-4-5
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10 V 80%
Voltage Dips	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5ms



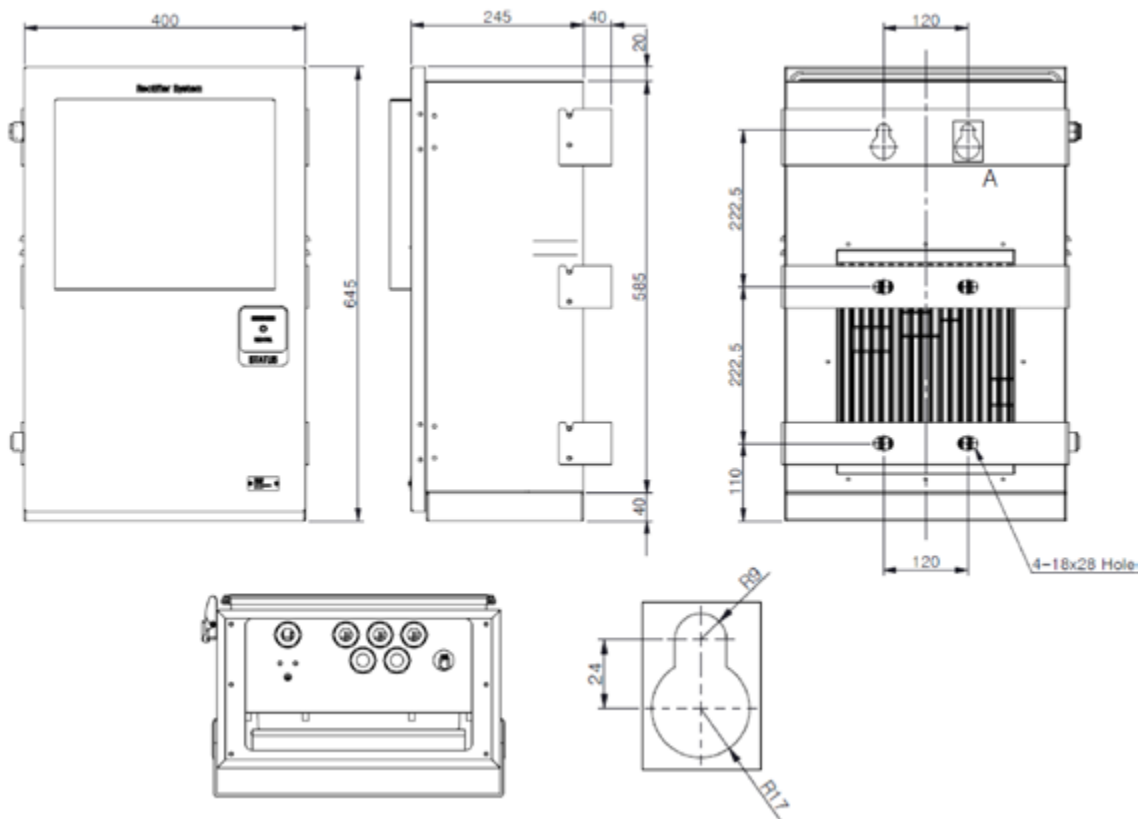
Portero 30A Inside (with batteries)

Input Specifications

Voltage	1Ø220VAC (±20%)
Frequency	57 – 63Hz
Inrush per Module	50A @ 220VAC (max cold start)
Protection	Double pole 15A fuse / 250VAC per module
Leakage	3A max @ 220VAC
Efficiency	≥90% typical
Harmonics	EN61000-3-2 class D compliant (>98PF)
Protection	Input under voltage, overvoltage

Output Specifications

Output Voltage	-53.3VDC
Input Voltage	30A max
Adjustment Range	-42 to -58VDC
Line Regulation	±1.0% max over entire input range
Load Regulation	±1.0% maximum
Temp Regulation	±1.0% maximum
Ripple	≤250 mVp-p (20Hz – 14MHz)
Setpoint Accuracy	±0.5%
Over Current	105 – 130%
Over Voltage	-57.5VDC (recycle input to rest)
Protection	Battery temp. compensation, short, overvoltage



Ordering Information

Model No.	Description
Portero 30A	-53.3VDC, 30A Small Cell System