

CriticalPoint™ Public Safety Battery Backup Unit

CPBBUV2 Series

UL 2524 Standard Certified

Features

- Provides an uninterruptible nominal DC -48V power supply to Public Safety equipment
- Supports Lithium Iron Phosphate (LiFePO4) batteries
- Supports minimum 24 hours backup power for 110W equipment with 60AH battery option
- Supports minimum 24 hours backup power for 200W equipment with 100AH battery option
- Supports 4 external alarm inputs from other equipment
- Provides 7 dry contact outputs to FACP or external annunciator panel
- Provides integrated visual and audio alarm annunciation
- Supports external remote annunciator panels
- Provides connections for EPO (Emergency Power Off) switch
- Provides additional 12V, 0.5A and 24V, 0.5A output
- Provides battery capacity indication
- Provides AC convenience outlet inside BBU
- Supports local and remote monitoring and control through RJ45 port
- Supports SNMP v2/v3 for remote monitoring
- **UL 2524 Standard Certified – SGS Certificate No.: SGSNA/20/GZ/00143**

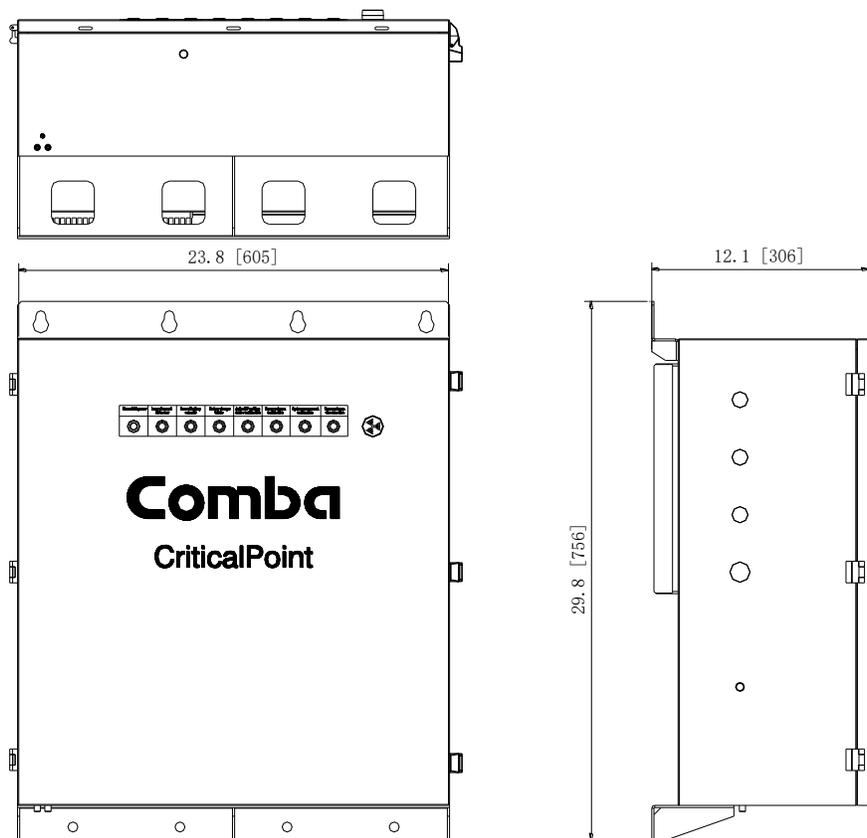


Specifications

Mechanical		
Dimensions, H x W x D	in(mm)	29.8 x 23.8 x 12.1 (756 x 605 x 306)
Weight (without bracket)	lb(kg)	44.1(20) (not including batteries)
Knockouts		0.875" knockouts (1/2" conduit) x 6 / 1.109" knockouts (3/4" conduit) x 2
Operating Temperature	°F (°C)	32 to 104 (0 to 40)
Operating Humidity		≤ 95%
Enclosure Environmental Class		UL50E Type 4
Electrical		
System Input		100-240VAC, 50-60Hz, Max 7A
Main Output	VDC	-56.4V ~ -46V
Additional Outputs		12.5V +/- 0.5V, 0.5A Max, 24V +/-0.5V, 0.5A Max.
Heat Dissipation	BTU/hr	80.5 @ 100W load, float charging 127.2 @ 200W load, float charging 202.6 @ 400W load, float charging 236.7 @ 535W Max output power
Alarms		
Dry Contact Outputs		7
External Alarms Inputs		4
Maximum Input for Dry Contact Port		24VDC, 3A

Batteries			
Battery Type		(Lithium Iron Phosphate) LiFePO ₄	(Lithium Iron Phosphate) LiFePO ₄
System Required Quantity	pcs	1	1
Amp/Hour, Voltage		100AH, 51.2V	60AH, 51.2V
Battery Weight	lb(kg)	123.5(56)	79.8(36.2)
Battery Electrolyte Counts		1.758 Gallons / 17.6 lbs	0.913 Gallons / 9.1 lbs
Battery Backup Capacity		min. 24 Hour for 200W load or min. 12 Hour for 400W load	min. 24 Hour for 110W load or min. 12 Hour for 220W load

Outline Drawing



Part Numbers

Part Number	Description
CPBBUV2-48100-UL	100-240VAC Input / -48VDC Output, 100AH LFP battery, UL 2524 Standard Certified
CPBBUV2-48060-UL	100-240VAC Input / -48VDC Output, 60AH LFP battery, UL 2524 Standard Certified