

ComFlex NG Backup Battery Unit

CFBBU V1 Series



Features

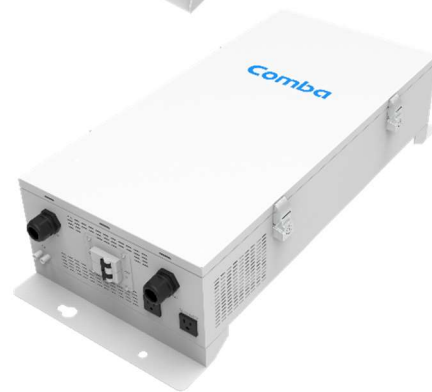
AC-DC Battery Unit:

- Supports internal battery for power backup application
- Provides 4 External alarm ports to connect Dry Contact Port
- Provides 7 Dry connectors to the monitor centre
- Supports local monitoring and control by RJ45 port
- Supports multi alarm LEDs:
 - AC fail alarm
 - Battery alarm
 - Power controller failure alarm
 - 4 External alarms



BBU Inverter:

- Built-in UPS function
- True sine wave out
- High surge power up to 4400W
- Temperature controlled cooling fan
- AC output voltage and frequency selected by DIP S.W
- Power ON-OFF remote control
- Protections:
 - Input: Reverse polarity/DC. Low alarm/DC low shutdown/Over voltage
 - Output: Short circuit/Overload/Over temp.
- Battery over discharge protection (low voltage disconnect)



Specifications

Mechanical		
AC-DC Battery Unit:		
Dimensions, H x W x D	in(mm)	29.4 x 23.8 x 12.0 (747 x 605 x 305)
Weight (without bracket)	lb(kg)	78.3(35.5) (not include the batteries)
Enclosure Cooling		Convection
Operating Humidity		≤ 95%
Environmental Class		NEMA 4X
BBU Inverter:		
Dimensions, H x W x D	in(mm)	29.5 x 12.4 x 6.9 (750x 315 x 175)
Weight (without bracket)	lb(kg)	44.1(20)
Enclosure Cooling		Fan
Operating Humidity		≤ 90%
Environmental Class		IP30

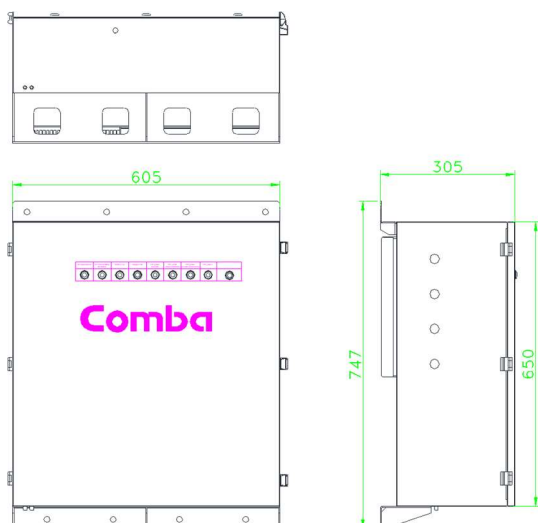
Note: Typical specifications at room temperature

Electrical		
AC-DC Battery Unit:		
Power Supply (Input)	VAC	100-240/47-63Hz
Power Supply Connector (Input)		Terminal Block
Power Supply (Output to Inverter)	VDC	-48V
Power Supply Connector (Output to Inverter)		Terminal Block
Maximum Input for Dry Contact Port		24VDC, 1A
Power Capacity per Battery Type	60AH	60AH
	100AH	100AH
BBU Inverter:		
Power Supply AC (Input)	VAC	110 (47-63Hz)
Power Supply AC Cable (Input)	12 AWG	3 conductor unterminated cable (4 m)
Power Supply DC (Input)	VDC	48~56
Power Supply DC Cable (Input)	10 AWG	2 conductor unterminated cable (2 m)
Power Supply AC (Output) to Battery Unit	VAC	110 (47-63Hz)
Power Supply AC Cable (Output) to Battery Unit	12 AWG	3 conductor unterminated cable (2 m)
Power Supply AC (Output) for MU or HUB, 2 ports	VAC	110
Power Supply AC Connector (Output) for MU or HUB, 2 ports		NEMA 5-15
Rated Power (Continuous)	W	750

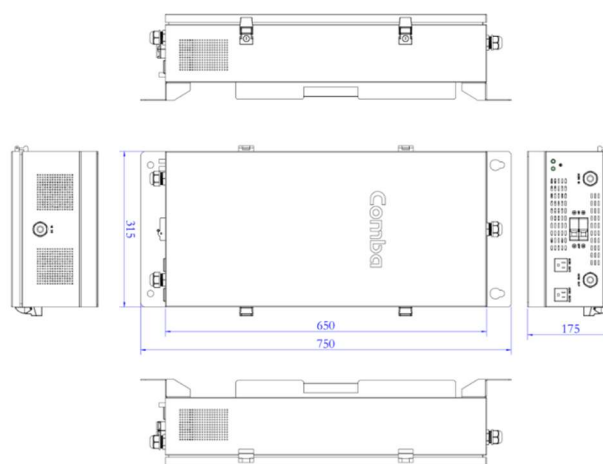
Note: Typical specifications at room temperature

Outline Drawing

AC-DC Battery Unit



BBU Inverter



Part Numbers

Part Number	Description
BBU-NG-LFP48060	ComFlex NG BBU 100-240VAC Input / 100-240VAC Output, 60AH LFP battery
BBU-NG-LFP48100	ComFlex NG BBU 100-240VAC Input / 100-240VAC Output, 100AH LFP battery