

### Battery + Power Supply

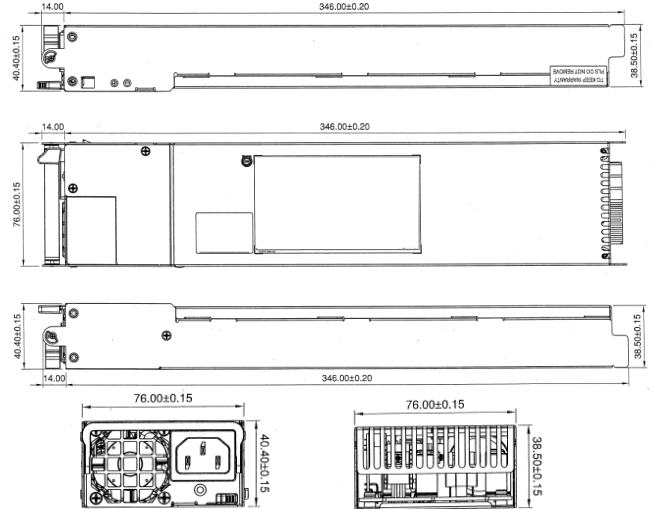
# BBP®2



- Dimension (W x L x H): 76 x 360 x 40 mm
- Maximum Output Power: Power Supply: 1000W / 800W  
Battery: 500W

### Features and Benefits:

- BBP + Power Supply in One Module
- Remote Battery and Power Supply Management
- Internal Lithium Ion Battery:  
Single Mode: 500W 1 minute hold up  
Redundant Mode: 1000W 1 minute hold up



#### INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-127Vac / 10A 200-240Vac / 7A
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 55A
POWER FACTOR	99% (Typical)

#### POWER SUPPLY DC OUTPUT CHARACTERISTICS

MAXIMUM POWER (from Power Supply)	800W @ 100-127Vac 1000W @ 200-240Vac
EFFICIENCY (from Power Supply)	80Plus Platinum Typical 94%+ @ 230Vac
OUTPUT VOLTAGE	+12V      +5Vsb
MAXIMUM CURRENT (from Power Supply)	66.7A (800W)      4A 83A (1000W)
REGULATION	+/- 5%      +/- 5%
RIPPLE & NOISE	120mV      50mV
OUTPUT CONNECTOR	19 pairs gold finger connector
HOLD UP TIME (without charged battery)	PWOK 10ms at 70% of max Loading 12V 11ms at 70% of max loading

#### BATTERY CHARACTERISTICS

Capacity	40Wh (2800mAh)
Battery Type	Lithium-ion
OUTPUT VOLTAGE	+12V      +5Vsb
MAXIMUM CURRENT (from Battery)	41.66A for 60 seconds      4A for 60 seconds
HOLD UP TIME (with fully charged battery)	For Single Module: 60 seconds at 500W For Two Modules in Redundant: 60 seconds at 1000W

Disclaimer: Specification is subject to change without prior notice

#### GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data, IPMI Support
MTBF	>200,000hours at 25 °C
REDUNDANCY	Hot swappable, 1+1
LEAKAGE CURRENT	Less than 2mA
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage

#### REGULATORY

SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1, IEC60950-1 CB Report CE Low Voltage Directive BSMI CCC (GB17625.1-2013) (China)
EMC	EMI Class A

#### ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 15 to 45 °C Non-Operating: -10 to 60 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 10580m
RELATIVE HUMIDITY	Operating: to 85% (non-condensing) Non-Operating: to 95% (non-condensing)