



ISO 9001:2000
REGISTERED



Uninterruptible Switchmode Power Supply

INPUT VOLTAGE:

115 OR 230VAC OR 115/230VAC SELECTED

INPUT FREQUENCY:

60/50HZ

INPUT POWER FACTOR:

0.65

INPUT VOLTAGE RANGE:

90~130 OR 180~260VAC , SINGLE PHASE.

INPUT FREQUENCY RANGE:

47 HZ TO 63 HZ MAX.

INPUT AC CURRENT :

6.5A MAX. @ 115VAC OR 3.5A MAX. @230VAC, FULL LOAD.

INRUSH CURRENT :

AT 130/264 VAC, FULL LOAD CONDITION, NO DAMAGE OCCUR,
INPUT FUSE SHALL NOT BLOW.

EFFICIENCY:

65% MIN. AT NOMINAL LINE INPUT FILL LOAD.

SURGE PROTECTION:

YES

OUTPUT AC VOLTAGE:

115 OR 230VAC; + 12 V / 8 A; + 5 V / 20 A; +3.3 V / 14A

TOTAL OUTPUT:

125W; -12 V / 2.0A; -5 V / 0.4A

OUTPUT DC CURRENT:

+5V STAND BY / 0.75A

WEIGHT:

5 KGS (WITH BP5C-2425 BATTERY PACK)

OVER VOLTAGE PROTECTION:

YES

OVER POWER PROTECTION:

YES >105%~135%

CAPACITY:

500VA

AC OUTPUT VOLTAGE (TO MONITOR):

115VAC / 230VAC

AC OUTPUT WAVEFORM:

STEP SINE WAVE

AC INPUT VOLTAGE:

TRANSFER POINT
(UNDERVOLT) HALF LOAD

FROM NORMAL TO BACKUP:

85V / 170 VAC

FROM BACKUP TO NORMAL:

95V / 190VAC

AC INPUT VOLTAGE TRANSFER POINT (OVERVOLT):

PROTECTION:

FUSE

TRANSFER TIME:

0 MS FOR DC OUTPUT(COMPUTER)

SYSTEM BACKUP TIME(BACKUP FOR A PC SYSTEM):

10 MINUTES FOR LONGER BACKUP TIME CAN USE OTHER

BATTERY PACK

RECHARGE TIME:

10~15 HOURS

BATTERY VOLTAGE MONITORING LED DISPLAY, BUZZER

SAFETY:

UL, C-UL(CSA), CE APPROVED.

RISE TIME:

100MS MAX. AT NOMINAL LINE FULL LOAD.

HOLD UP TIME:

16MS MIN. FOR +5V OUTPUT AT NOMINAL LINE FULL LOAD.

TRANSIENT OVERSHOOT:

10% MAX. OF STEADY STATE AFTER LOAD CHANGE OF 25%

WITHIN THE

RANGE OF 50% TO 100% OF FULL LOAD.

TEMPERATURE COEFFICIENT:

0.03% PER /MAX.

OVER-LOAD PROTECTION (O.L.P.):

FOR OVER-LOAD, SPS LOAD OVER105%~135% WILL AUTO-
SHUTDOWN.

SHORT CIRCUIT PROTECTION:

USPS CAN PROTECT ALL DC OUTPUTS ON THE SWITCHING
POWER SUPPLY IF SHORT CIRCUIT IS
HAPPENED.

OPERATING TEMPERATURE :

0 TO 50 , LINEAR DEPARTING TO 50% LOAD AT 70 .

OPERATING RELATIVE HUMIDITY :

20% TO 90%.

STORAGE TEMPERATURE :

-20 TO +60 .

STORAGE RELATIVE HUMIDITY :

5% TO 95%

ALTITUDE :

OPERATE PROPERLY AT ANY ALTITUDE BETWEEN

0 TO 10,000 FT.

STORAGE ALTITUDE :

40,000 FEET.

VIBRATION :

0.38 M/M, 5-55-5 HZ, 7 MINUTES PER CYCLE; 30 MINUTES
FOR EACH AXIS(X,Y,Z)

BURN-IN :

45 MAX. LOAD 24 HOURS.

M.T.B.F. :

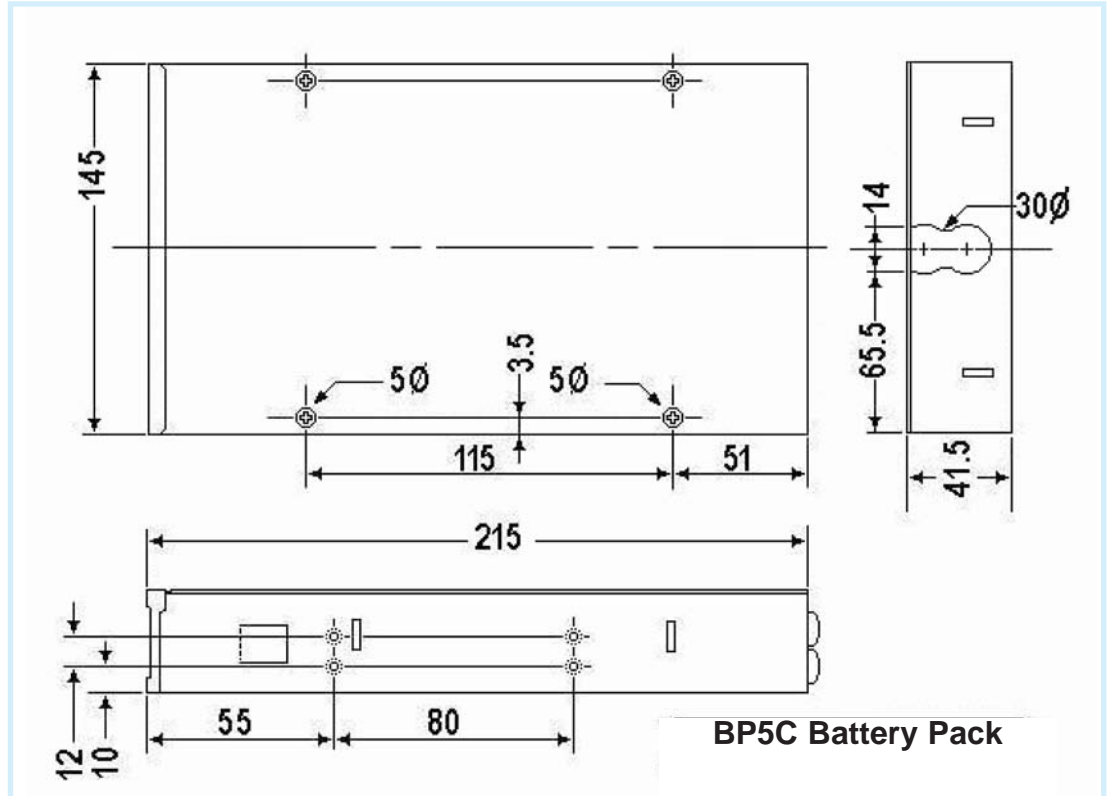
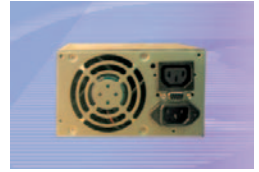
50,000 HR.



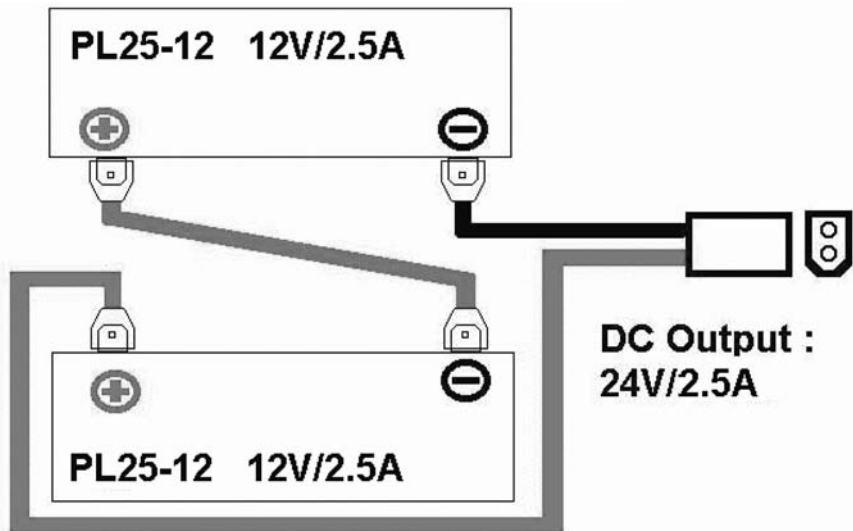


ISO 9001:2000
REGISTERED

Uninterruptible Switchmode Power Supply



Battery Pack Inside Connection



Battery Specifications

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.

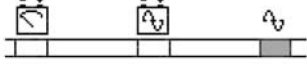
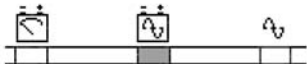
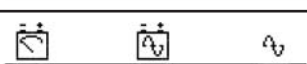
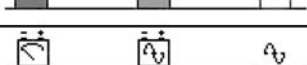


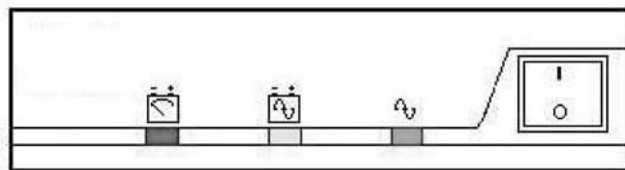
ISO 9001:2000
REGISTERED



Uninterruptible Switchmode Power Supply



BP-5C LED Indication and Alarm Table		
Utility States	LED Indicator state	Buzzer state
Normal		
Blackout, UPS On (24~21.5V)		Beep.. Beep.. Beep .. (3 seconds Interval)
Battery Low (21.5~18.5V)		Beep..... (sounds quickly and short)
AC Normal / Battery Fail		

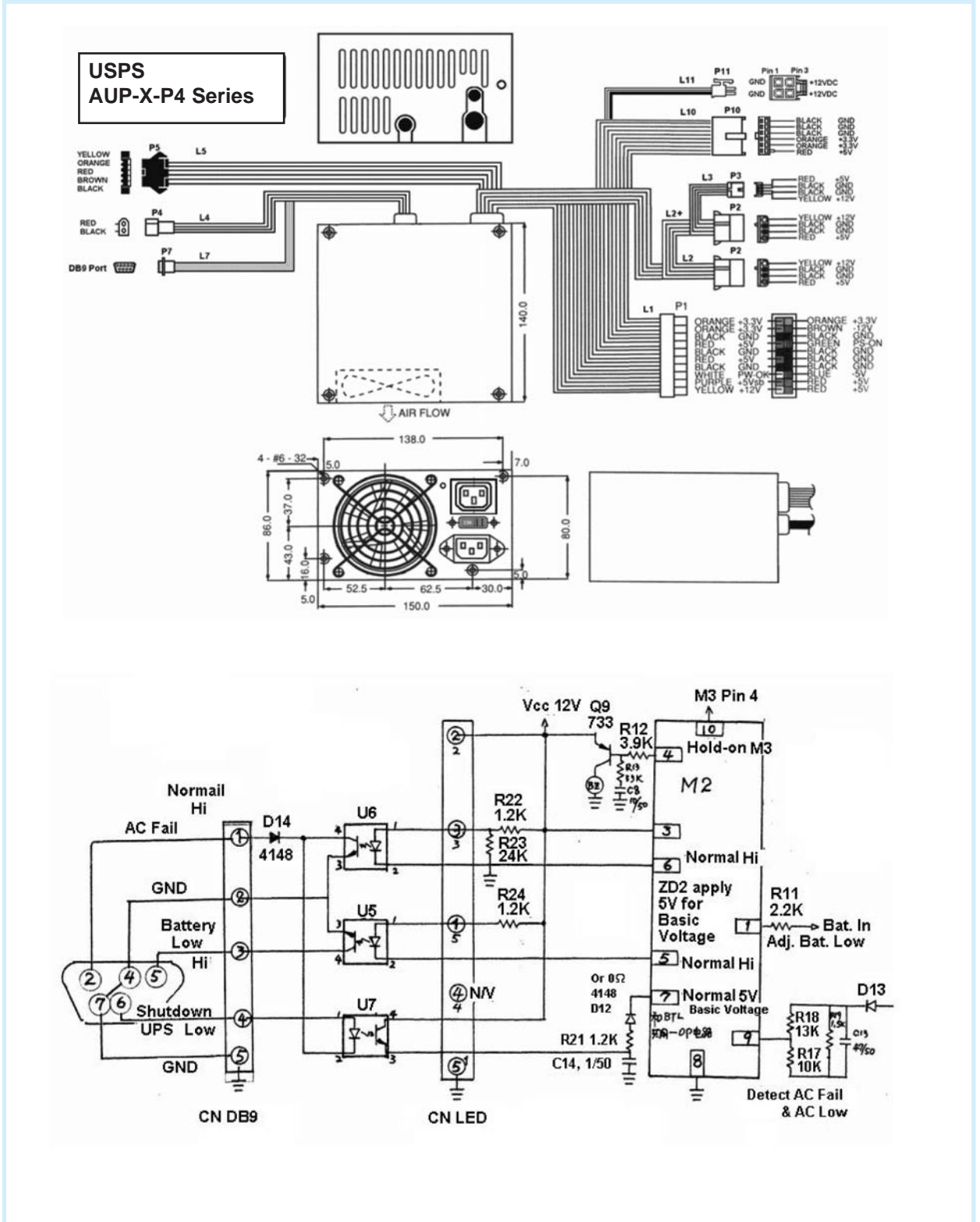
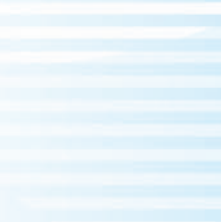
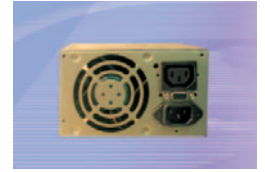


BATTERY PACK : BP-5C



ISO 9001:2000
REGISTERED

Uninterruptible Switchmode Power Supply



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



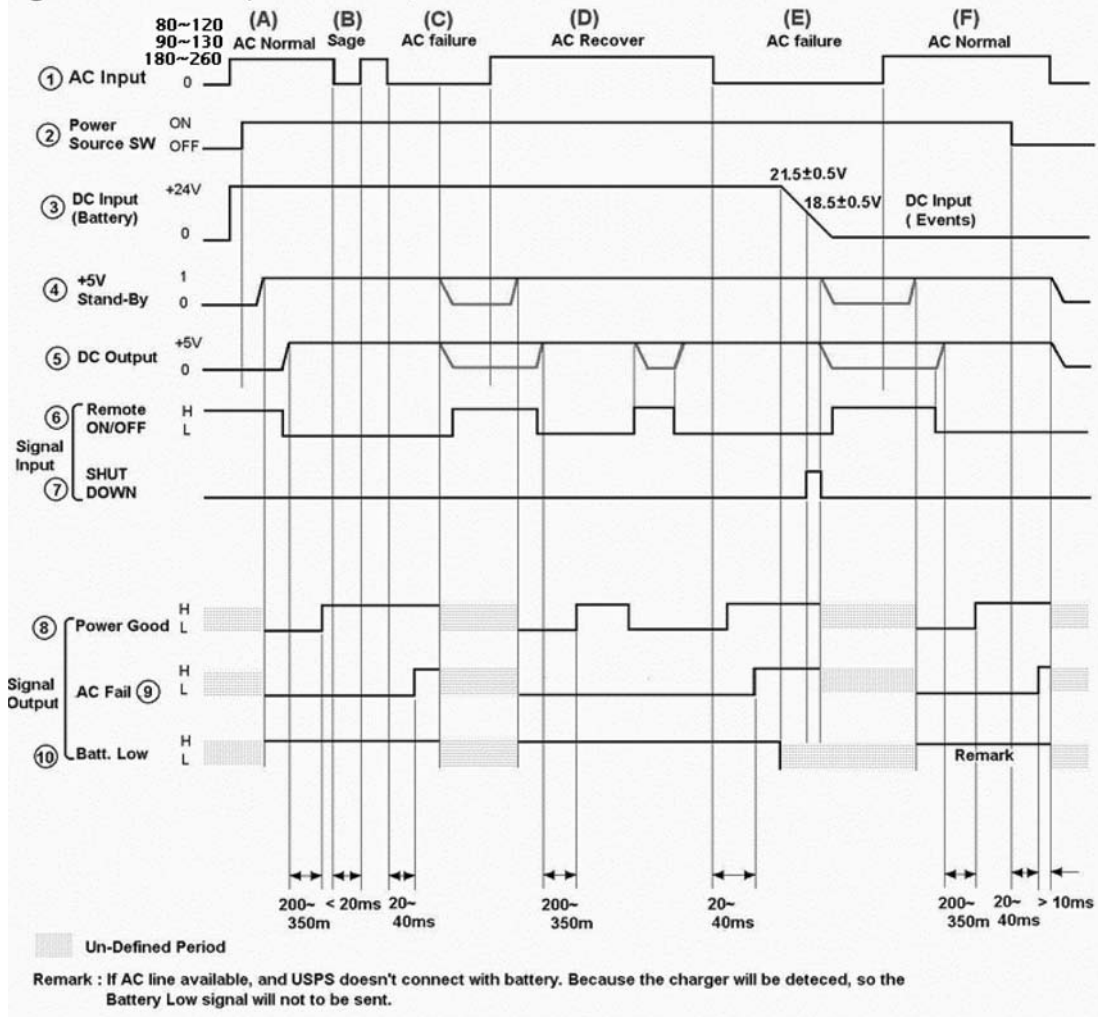
ISO 9001:2000
REGISTERED



Uninterruptible Switchmode Power Supply



● TIME CHART (AUP-X Series)



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



ISO 9001:2000
REGISTERED

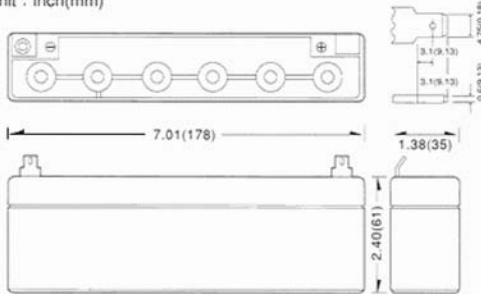
Uninterruptible Switchmode Power Supply



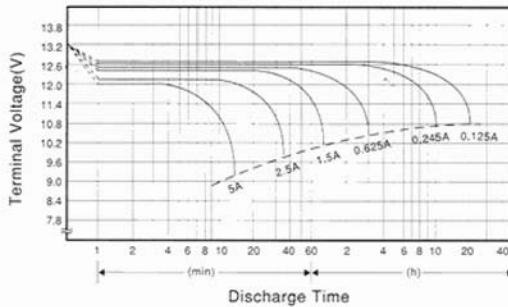
■ Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		2.5 Ah
Dimensions	Total Height (with terminals)	2.60 inches (66 mm)
	Height	2.40 inches (61 mm)
	Length	7.01 inches (178 mm)
	Width	1.38 inches (35 mm)
Weight		Approx. 1.76 lbs (800g)

Unit : inch(mm)



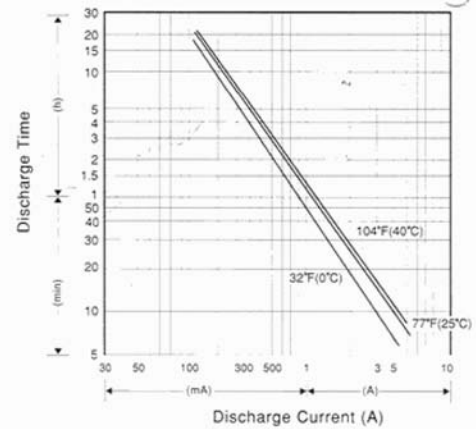
Discharge curves 77°F(25°C)*



■ Characteristics

Capacity* 77°F (25°C)	20 hour rate (125 mA)	2.50Ah
	10 hour rate (245 mA)	2.45Ah
Internal Resistance	5 hour rate (400 mA)	2.00Ah
	1 hour rate (1630 mA)	1.63Ah
	1.5 hour discharge to 10.5V	1.2Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	35mΩ
Capacity affected by Temperature (20hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	80%
	5°F (-15°C)	62%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	80%
	Capacity after 9 month storage	62%
Charge (Constant Voltage)	Cycle	Initial Charge Current less than 0.9 A Voltage 14.6~15.0V / 12V 77°F(25°C)
	Stand By	Voltage 14.0~14.5V / 12V 77°F(25°C)

■ Discharging Current & Discharge Duration Time



*The above data are average values, and can be obtained within 3 charge / discharge cycles. These are not minimum values.