



ISO 9001:2000  
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### Uninterrupted Switchmode Power Supply



**INPUT VOLTAGE:**

115

**INPUT FREQUENCY:**

60 HZ

**INPUT POWER FACTOR:**

0.65

**INPUT VOLTAGE RANGE:**

80~120, 90~130 OR 180~260 VAC, SINGLE PHASE.

**INPUT FREQUENCY RANGE:**

47 TO 63 HZ.

**INPUT AC CURRENT :**

6.5A MAX. @ 115 (100) VAC OR 3.5A MAX. @ 230VAC, FULL LOAD.

**INRUSH CURRENT :**

AT 120/130/264 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 VAC; + 12 V / 11 A; + 5 V / 25 A; +3.3 V / 14A

**TOTAL OUTPUT:**

150W; -12 V / 0.4A; -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 >125%

**CAPACITY:**

500VA

**AC OUTPUT VOLTAGE (TO MONITOR):**

115VAC / 230VAC AND 55 +/- 2HZ

**AC OUTPUT WAVEFORM:**

STEP SINE WAVE

**AC INPUT VOLTAGE:**

TRANSFER POINT (UNDERVOLT)

**FROM NORMAL TO BACKUP:**

80V / 85V / 170 VAC

**FROM BACKUP TO NORMAL:**

90V / 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

**SAFETY:**

**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 °C/MAX.

**OVER VOLTAGE PROTECTION (O.V.P.):**

WHEN THE MAJOR OUTPUT VOLTAGE +5V, +3.3V ARE OVER +6.5V, +4.2V, THE USPS WILL AUTO SHUTDOWN.

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

FOR OVER-LOAD, USPS LOAD OVER 125% WILL AUTO-SHUT DOWN.

**SHORT CIRCUIT PROTECTION:**

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

**OPERATING TEMPERATURE :**

0° C TO 50° C, LINEAR DEPARTING TO 50% LOAD AT 70°C

**OPERATING RELATIVE HUMIDITY :**

20% TO 90%

**STORAGE TEMPERATURE :**

-20° C TO +60° C

**STORAGE RELATIVE HUMIDITY :**

5% TO 95%

**ALTITUDE :**

OPERATE PROPERLY AT ANY ALTITUDE BETWEEN 0 TO 10,000 FEET.

**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° C MAX. LOAD 24 HOURS

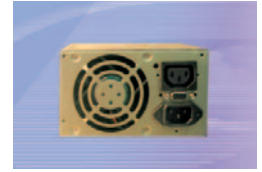
**M.T.B.F. :**

50,000 HR

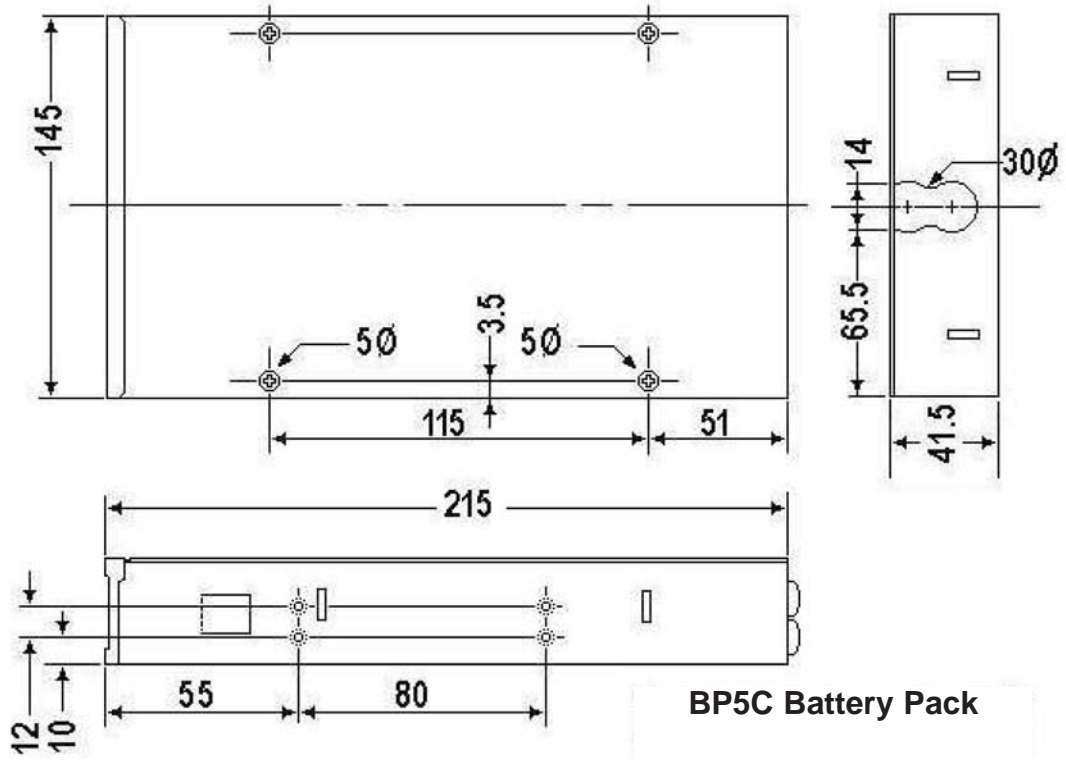


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### BP5C-2425 Battery Pack



BP5C Battery Pack

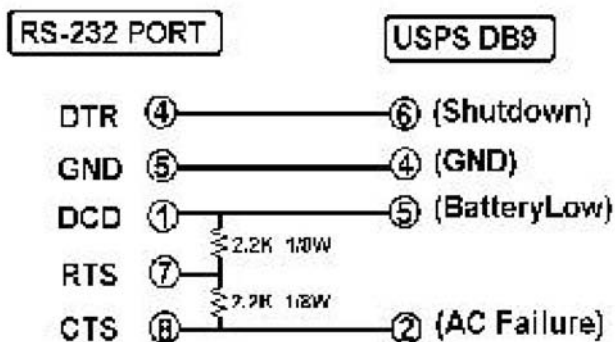
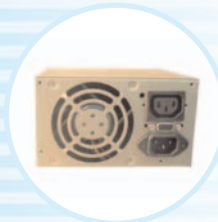
### CABLE PIN ASSIGNMENT

CABEL	COLOR	Assignment
(P4)	BLACK	GND
	RED	+24VDC
(P5)	RAINBOW	LED
(P6)	WHITE	DC ON/OFF
	WHITE	
	BLACK	AC ON/OFF
	BLACK	

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



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GlobTek USPS, for Windows NT 4.0 UPS module cable connection diagram. The Windows NT UPS module configuration as "03", "02", "04"

(1) Pin Assignment of Pin ② ⑤ ⑥

Pin	Normal	Active
②	High (1.7~1.8V)	Low (0V)
⑤	High (1.7~1.8V)	Low (0V)
⑥	Low (0V)	+12V input

UPS Working Indications

Utility States	LED Indicator state	Buzzer state
Normal		
Blackout, UPS On (24~21.5V)		Beep... Beep... Beep... (3 second Interval)
Battery Low (21.5~18.5V)		Beep..... (sounds quickly and short)
AC Normal / Battery Fail		

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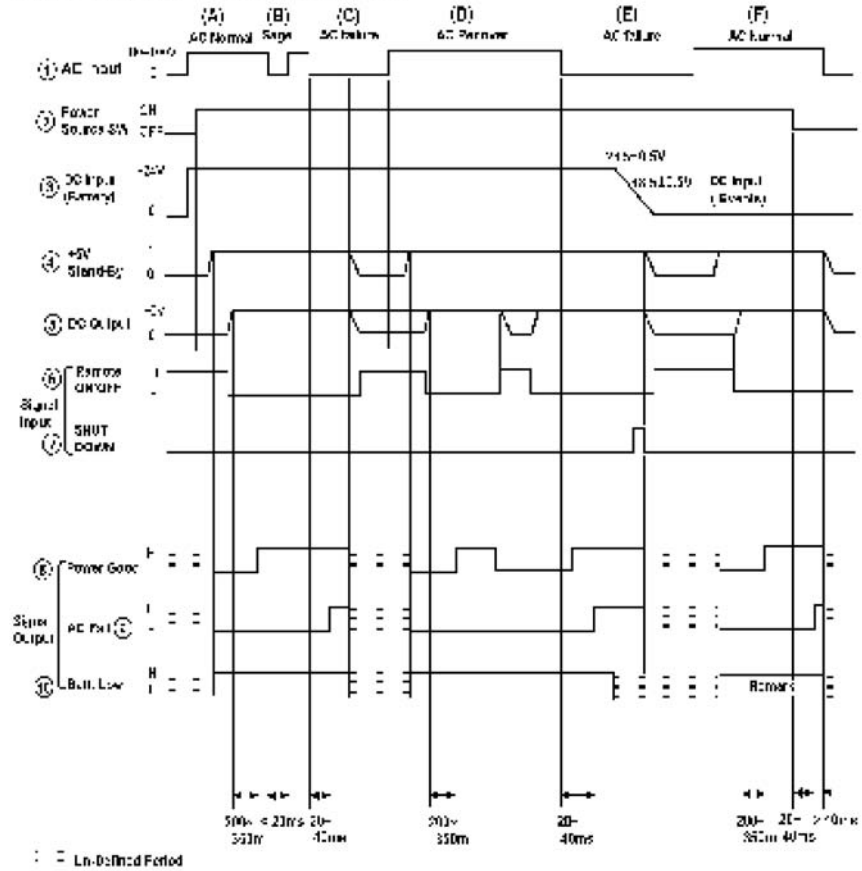


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● TIME CHART-GAUP-X Series



Remark: If AC line available, and UPS doesn't connect with battery. Because the charge in the circuit, on the Battery Low signal will not to be sent.