



ISO 9001:2000
REGISTERED



Uninterruptible Switchmode Power Supply

INPUT VOLTAGE:

115

INPUT FREQUENCY:

60Hz

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:

115VAC / 230VAC and 55 +/- 2Hz

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):

115 VAC

+ 12 V / 11 A

+ 5 V / 25 A

+3.3 V / 14A

AC OUTPUT WAVEFORM:

Step Sine Wave

AC INPUT VOLTAGE:

(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-shutdown.

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. :

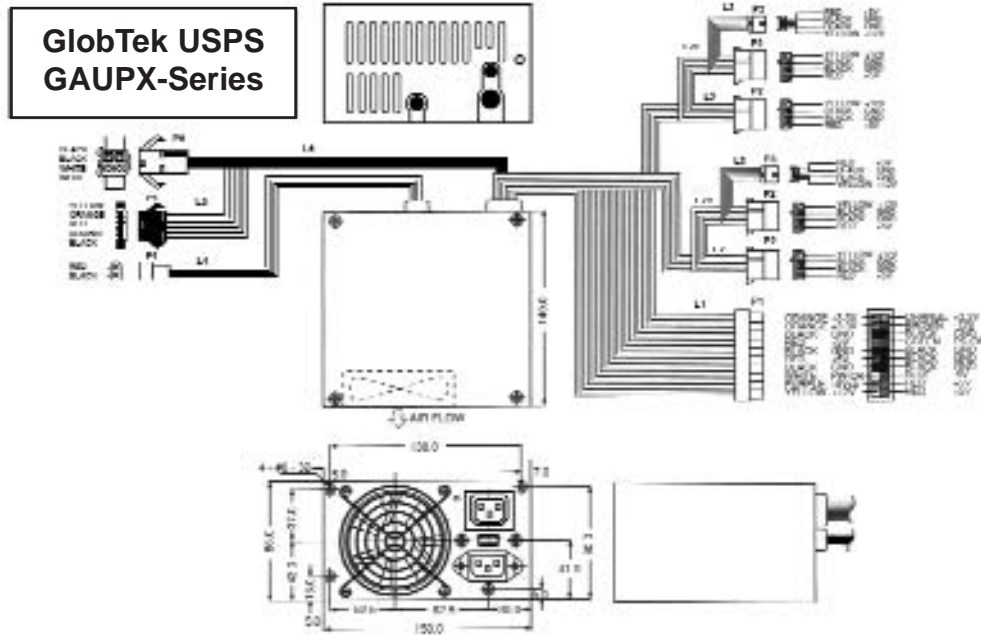
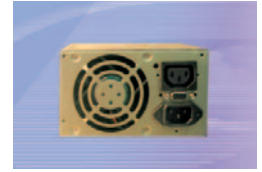
50,000 hr.





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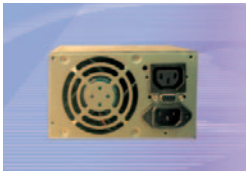
CABLE PIN ASSIGNMENT

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

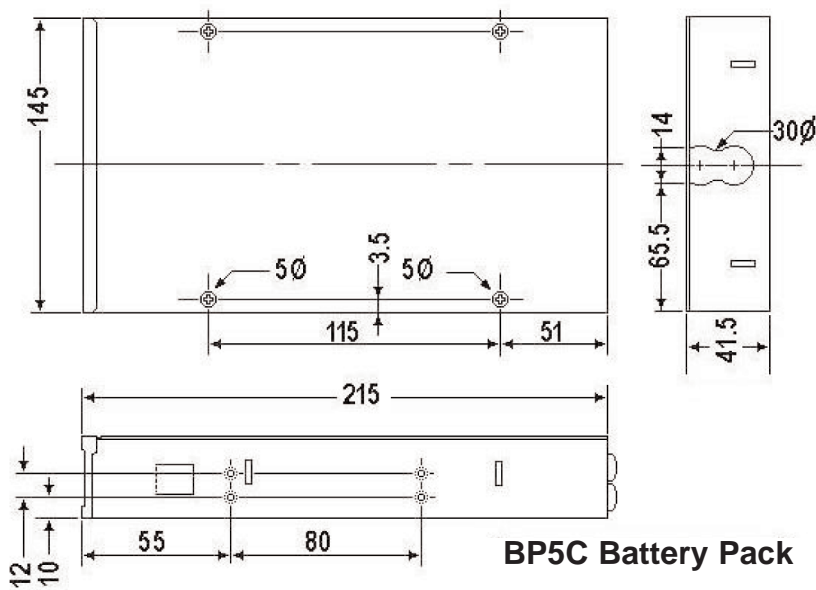
SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.



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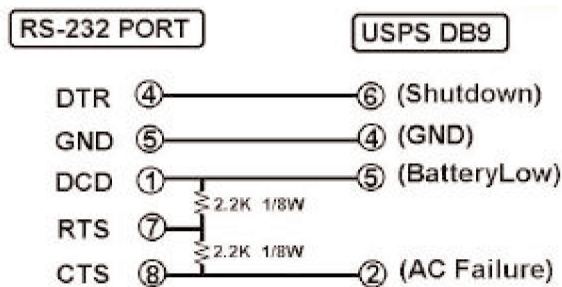


BP5C-2425 Battery Pack



BP5C Battery Pack

RUPS Backup Utility Hardware Configuration



GlobTek USPS, for Windows NT 4.0 UPS module cable connection diagram. The Windows NT UPS module configuration as “-”, “-”, “+”



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● TIME CHART (GAUPX Series)

