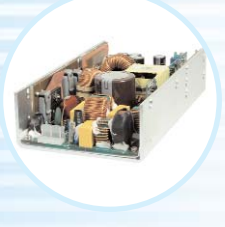
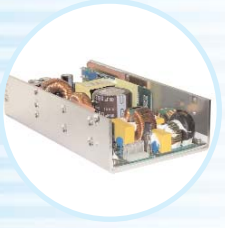
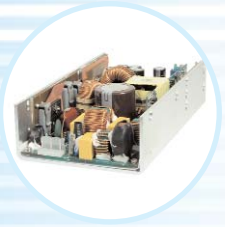


**Switcher, 200 Watt, Family, Single Output,  
Open Frame Universal Input, ITE, Class I****ELECTRICAL SPECIFICATIONS:****INPUT RANGE:**

90-264 VAC

**INPUT LINE FREQUENCY:**

47-63Hz

**INPUT CURRENT:**

&lt;3.2A RMS @ 90VAC

**INRUSH CURRENT:**

40A TYPICAL, COLD START @ 25°C

**EFFICIENCY:**

80% TYPICAL AT FULL LOAD

**POWER FACTOR:**

0.99 TYPICAL

**TURN-ON DELAY:**

2 SECOND TYPICAL @ 115VAC NOMINAL LINE

**INPUT LINE PROTECTION:**

MOV TRANSIENT PROTECTED. INPUT LINE FUSE PROVIDED ON-BOARD

**SOFT START:**

STANDARD ON ALL MODELS

**MAXIMUM POWER:**

200 WATTS WITH FREE AIR CONVECTION COOLING

**ADJUSTMENT RANGE:**

± 10%

**LOAD REGULATION:**

± 2% MEASURED AT THE CONNECTOR SIDE

**LINE REGULATION:**

± 0.5% MEASURED AT THE CONNECTOR SIDE

**HIGH FREQUENCY RIPPLE:**

1% OF OUTPUT VOLTAGE, PEAK TO PEAK

**TURN ON/OFF OVERSHOOT:**

5% MAXIMUM, 1mS RECOVERY TIME

**HOLD-UP TIME:**

20 mS @ 200W LOAD, 115VAC NOMINAL LINE

**TRANSIENT RESPONSE:**

1mS RECOVERY TO WITHIN 1% OF THE REGULATION BAND WITH NO MORE THAN 5% OUTPUT VOLTAGE DEVIATION @ 50% LOAD STEP.

**OVERLOAD PROTECTION:**

PROTECTED @ 115-130% OF FULL LOAD RATING FOLD BACK

**SHORT CIRCUIT:**

FOLDBACK, AUTORECOVER UPON REMOVAL OF SHORT

**OVERVOLTAGE:**

10% TO 20% ABOVE NOMINAL OUTPUT, LATCH

**INDICATOR:**

GREEN LED FOR OUTPUT PRESENCE

**FAN OUTPUT:**

12V @ 0.15A (UNREGULATED)

**MODEL DESCRIPTION:**

GT-9200P1323.3-X.X TO 20048-X.X

GT: GLOBTEK SERIES

"-" (DASH) FOR

ITE GRADE

9200: FAMILY DESIGNATOR

1323.3 TO 20048: 132W 3.3V TO 200W 48V OUTPUT

POWER OUTPUT VOLTAGE

X.X: OUTPUT VOLTAGE DEVIATION FROM STANDARD

MODEL BY SUBTRACTING X.X VOLT FROM STANDARD

OUTPUT VOLTAGE.

S: INPUT HEADER AND OUTPUT METAL TERMINAL

ON BOARD.

R: IEC INPUT RECEPTACLE AND OUTPUT METAL TERMINAL

ON BOARD.

HIOXXX: INPUT AND OUTPUT WIRE HARNESS. WHERE XXX

CAN BE FROM 000 TO 999 (MAXIMUM LENGTH FOR INPUT IS 100MM AND 200MM FOR OUTPUT).

HORXXX: IEC INPUT RECEPTACLE ON BOARD AND OUTPUT

WIRE HARNESS. WHERE XXX CAN BE FROM 000 TO 999

(MAXIMUM WIRE LENGTH FOR OUTPUT IS 200MM).

HOXXX: INPUT HEADER ON BOARD AND OUTPUT WIRE

HARNESS. WHERE XXX CAN BE FROM 000 TO 999

(MAXIMUM WIRE LENGTH FOR OUTPUT IS 200MM).

HIXXX: INPUT WIRE HARNESS. OUTPUT METAL TERMINAL ON

BOARD. WHERE XXX CAN BE FROM 000 TO 999 (MAXIMUM

WIRE LENGTH FOR INPUT IS 100MM).

**REMOTE ON/OFF:**

OPEN, INHIBITS OUTPUT.

**DC POWER GOOD:**

TTL LOGIC GOES HIGH AFTER THE OUTPUT IS IN REGULATION. IT GOES LOW WHEN THERE IS LOSS OF REGULATION.

**REMOTE SENSE:**

COMPENSATE FOR 0.5V LEAD DROP. WILL OPERATE WITHOUT REMOTE SENSE CONNECTION.

**TEMPERATURE COEFFICIENT:**

± 0.02% PER °C, TYPICAL

**OPERATING TEMPERATURE:**

0° TO 50°C FOR MODELS WITH OUTPUT &lt;12V

0° TO 60°C FOR MODELS WITH OUTPUT ≥12V

**STORAGE TEMPERATURE:**

-40° TO 85°C

**RELATIVE HUMIDITY:**

OPERATING; 0-90% NON-CONDENSING

**ALTITUDE:**

UP TO 10000 FEET

**RANDOM VIBRATION/TRANSIENT DROP:**

MIL-STD 810E

**MTBF:**

&gt;200,000 HOURS @ 25° AMBIENT TEMPERATURE, FULL LOAD, NOMINAL LINE, MIL-217 STD.

**SAFETY:**

HIPOT (PRI-SEC) 4242 VDC FOR ITE VERSION

5656 VDC FOR MEDICAL VERSION

**EARTH LEAKAGE:**

&lt; 0.3mA @ 50/60Hz, 264 VAC INPUT

**APPROVAL:**

UL60950-1 (3RD EDITION), CUL TO 22.2 NO. 60950-1, CB REPORT, DEMKO TO EN60950-1

**EMI:**

EN55022 CLASS B AND FCC PART 15, TESTED WITH RESISTIVE LOAD.

**CE MARK:**

EN61000-3-2, EN61000-3-3 AND EN50082-1, INCLUDING EN61000-4-2 (SYSTEM LEVEL), EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11 LEVEL 4

**NOTES:**

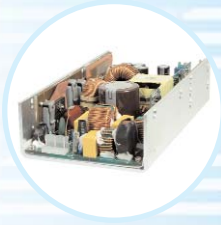
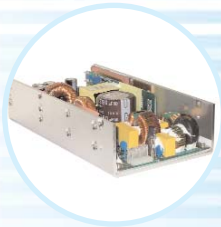
1. ALL MEASUREMENTS ARE MADE DIRECTLY AT THE TERMINALS OF THE SUPPLY.
2. OUTPUT RIPPLE AND SPIKE ARE MEASURED DIRECTLY AT THE OUTPUT TERMINALS OF THE POWER SUPPLY WITH 10µF TANTALUM AND 0.1µF CERAMIC CAPACITORS CONNECTED IN PARALLEL. PEAK-TO-PEAK METERING EQUIPMENT MUST HAVE A 20 MHz FREQUENCY RESPONSE WITH PROBES AND CABLES THAT MAINTAIN A FREQUENCY RESPONSE OF 20Hz TO 20MHz. OUTPUT RIPPLE SPECS OF 3.3V AND 5V MODELS IS 2% OF RESPECTIVE OUTPUT VOLTAGE.
3. CONDUCTED AND RADIATED EMI WERE PERFORMED WITH RESISTIVE LOAD SET TO FULL. PSU AND RESISTIVE LOAD WERE MOUNTED TOGETHER IN A 30 x 30 x 3 mm ALUMINUM PLATE.
4. REMOTE SENSE WIRE SHOULD BE TWISTED TOGETHER WHEN USED.
5. ALL MEASUREMENTS ARE MADE AT 25°C AMBIENT TEMPERATURE AND ARE TYPICAL.
6. MOUNTING MAXIMUM INSERTION DEPTH IS 3MM.
7. GLOBTEK PRODUCTS ARE NOT AUTHORIZED TO BE USED AS MISSION CRITICAL COMPONENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CEO OF GLOBTEK INC.
8. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



ISO 9001:2000  
REGISTERED



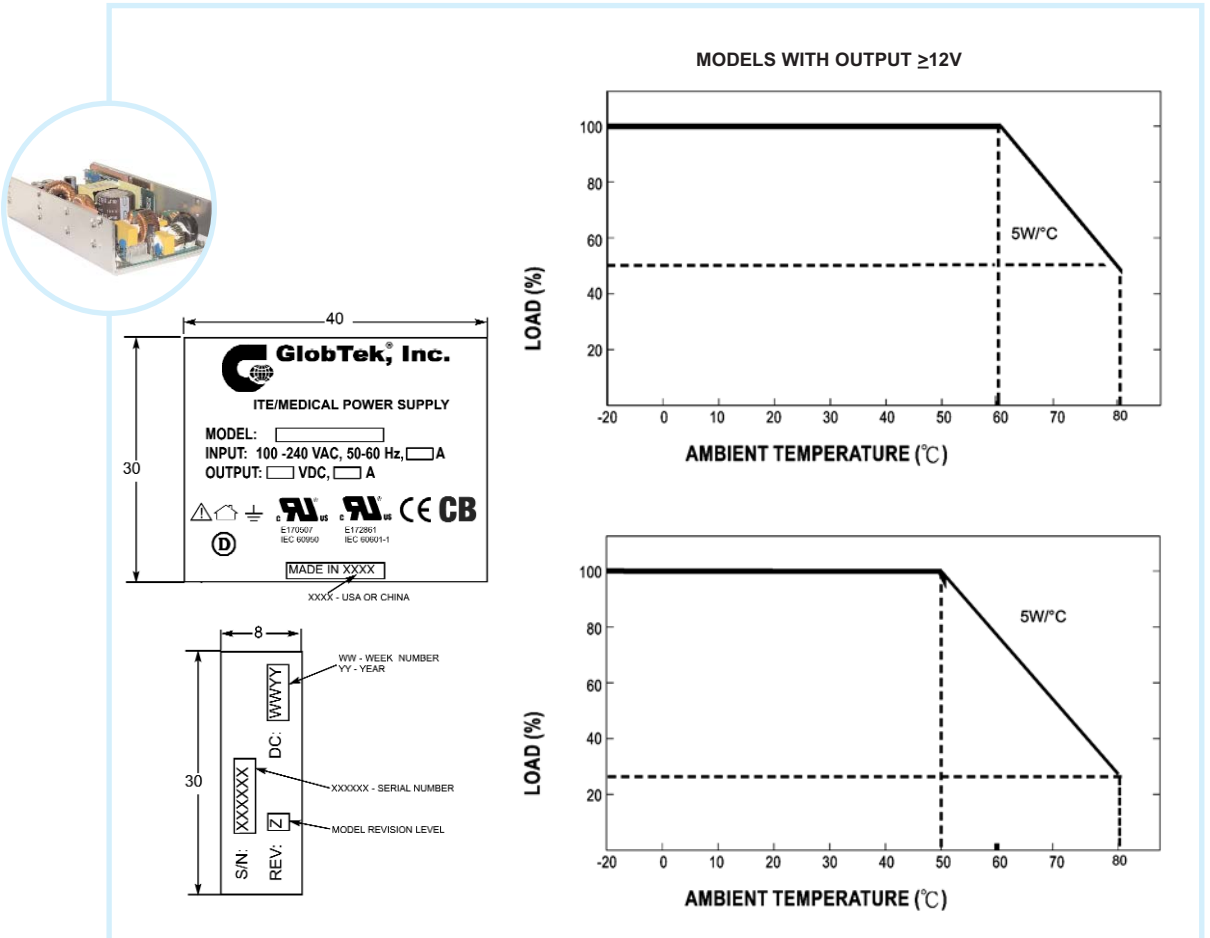
**Switcher, 200 Watt, Family, Single Output,  
Open Frame Universal Input, ITE, Class I**



**OUTPUT VOLTAGE / CURRENT:  
200 WATTS MODELS, NATURAL CONVECTION**

MODEL NUMBER		OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-9200P1323.3-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+3.30	0 - 40.00	0 - 132
GT-9200P2005-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+5.00	0 - 40.00	0 - 200
GT-9200P2007.5-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+7.50	0 - 26.67	0 - 200
GT-9200P2009-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+9.00	0 - 22.22	0 - 200
GT-9200P20012-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+12.00	0 - 16.67	0 - 200
GT-9200P20015-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+15.00	0 - 13.33	0 - 200
GT-9200P20018-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+18.00	0 - 11.11	0 - 200
GT-9200P20024-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+24.00	0 - 8.33	0 - 200
GT-9200P20036-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+36.00	0 - 5.55	0 - 200
GT-9200P20048-X.X	[S or R or HIOXXX or HORXXX or HOXXX or HIXXX]	+48.00	0 - 4.17	0 - 200

**OUTPUT DERATING**



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