

PROPRIETARY INFORMATION:

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REVISION HISTORY

REV	DESCRIPTION	SALES	RFS	DATE	APPROVED
A	INITIAL RELEASE	MS	23289	8/24/2012	HM

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.

A delay in receipt of this form will delay delivery schedule.

Company Name:

Customer P/N:

Quote Number:

Date:

Authorized Representative Name:

Authorized Representative Signature:

Foot Note:

Globtek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

Globtek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of Globtek Inc.

Contents of this document are subject to change without prior notice

 **GlobTek, Inc.**
www.globtek.com

186 Veterans Drive, Northvale, NJ 07467
Tel. 201-784-1000 Fax 201-784-0111

Drawing Title: Li-Ion BATTERY PACK
7.4VOLTS @ 2200 mAh
MODEL NO: 186500
PART NO: BL2200C1865002S1PSAB

REV A

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1.GENERAL SPECIFICATION:

BATTERY WITH SAFETY CIRCUIT AND PLASTIC HOUSING

CELL:	186500
PCM:	GLOBTEK STANDARD
NTC:	N/A
ID:	N/A
CONFIGURATION:	2S1P
WEIGHT:	APROX 105.0 G

2.ELECTRICAL SPECIFICATION:

RATED CAPACITY:	2200mAh TYPICAL
NOMINAL VOLTAGE:	7.4
WATT-HOUR RATING:	16.28 WH
CHARGING METHOD:	CONSTANT CURRENT + CONSTANT VOLTAGE
MAX. CHARGE VOLTAGE [V]:	8.4 (±50mV)
CHARGE CURRENT:	1100 mA
REC. CHARGE CUT OFF:	BY CURRENT 50mA OR TIMER 4H
MAX. CONTINUOUS DISCHARGE CURRENT:	IC
REC. DISCHARGE CUT OFF:	6V
INTERNAL IMPEDANCE:	≤70 mΩ
EXP. CYCLE LIFE:	>500 CYCLES > 70% OF INITIAL CAP. (0,5C/0,5C)
CELL PROTECTION:	
OVER CHARGE DETECTION:	4.3 ±0.03V (0.8 TO 1.2 SEC. DELAY, RESUME 4.1 ±0.03V)
OVER DISCHARGE DETECTION:	2.40 ±0.06V (76,8 to 115msec. DELAY, RESUME REMOVE LOAD & CHARGING CURRENT)
OVER CURRENT DETECTION:	3.2A to 4.2 A (9.6 to 14.4 msec. DELAY)

3. AMBIENT CONDITIONS

TEMPERATURE RANGE:	
CHARGE:	0 TO +45°C
DISCHARGE:	-20 TO +60°C
CHARGE RETENTION/STORAGE [%]:	1 YEAR AT -20 TO +20°C >80% 3 MONTHS AT -20 TO +45°C >80% 1 MONTH AT -20 To +60°C >80%
HUMIDITY:	65 ±20%RH

4.ENVIRONMENTAL AND SAFETY

PLEASE FOLLOW GlobTek, Inc. HANDLING AND SAFETY PRECAUTIONS FOR Lilon & LiPolymer.

5. CELL REGULATORY APPROVALS:

UL:	CELL APPROVED TO UL 1642
5 BATTERY PACK APPROVALS:	
RoHS:	COMPLIES WITH EU 2002/95/EC AND CHINA SJ/T 11363-2006
CE Mark:	COMPLIES WITH 2004/108/EC ELECTROMAGNETIC COMPATIBILITY INCLUDING BUT NOT LIMITED TO EN61000-6-1:2007, EN61000-6-3:2007
TRANSPORTATION:	PACK DESIGNED TO MEET un38.3

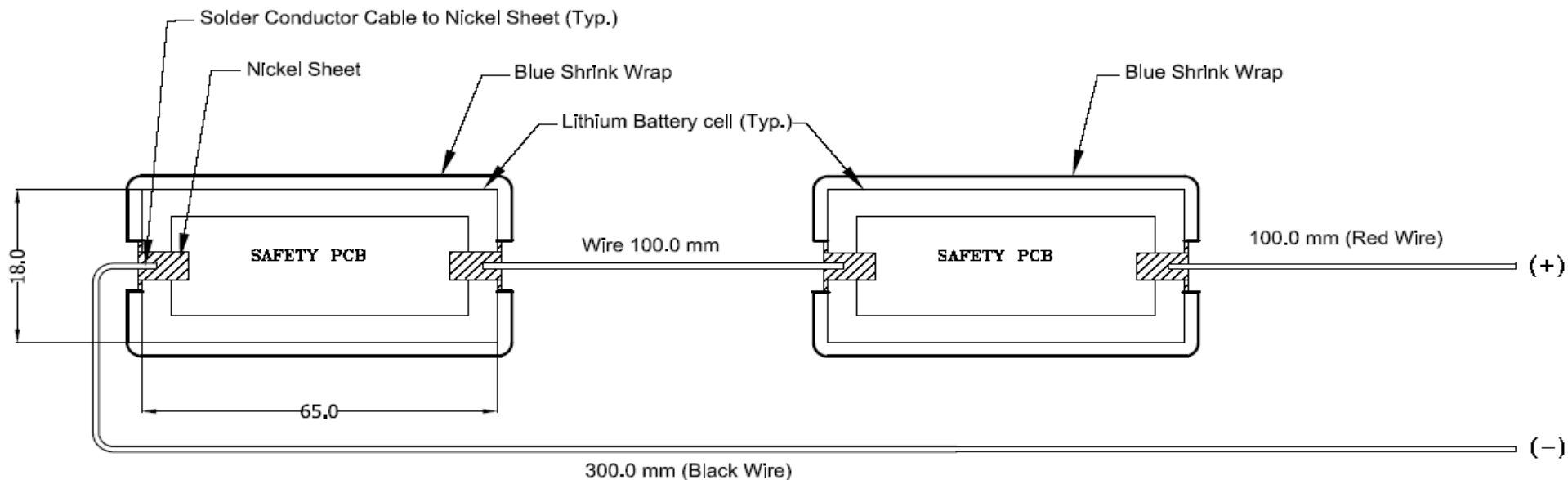


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6. MECHANICAL:

DIMENSIONS:	18.0mm x 65.0mm (± 5)
SHRINK WRAP:	Blue Shrink Wrap
WIRE TYPE:	UL1007, 24AWG
WIRE LENGTH:	See Drawing
WIRE POLARITY:	RED POSITIVE (+)
WIRE POLARITY:	BLACK NEGATIVE (-)
STRIP LENGTH:	CUT BLUNT
TIN LENGTH:	N/A
ADDITIONAL REQUIREMENTS:	N/A



[ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE BY CLICKING THIS LINK.](#)
[STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE BY CLICKING THIS](#)

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7. OUTPUT CONNECTOR:

ACTUAL CONNECTOR'S, OVERMOLDS, MAY VARY SLIGHTLY FROM THE PICTURE BELOW

	EQUIVALENT	Y / N	
PLUG TYPE		Y	N/A
OVER MOLD ORIENTATION			N/A
PLUG DIMENSIONS			N/A
BARREL PLUG INTERNAL SPRING CLIP			N/A
BARREL PLUG LOCKING NOTCH			N/A
POLARITY			N/A
ADDITIONAL REQUIREMENTS			N/A

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7.4VOLTS @ 2200 mAh

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8. LABEL:

MATERIAL:	TBD
BACKGROUND COLOR:	WHITE
TEXT COLOR:	BLACK
LABEL WIDTH: (mm)	TBD
LABEL HEIGHT: (mm)	TBD
ADDITIONAL REQUIREMENTS:	N/A

GlobTek, Inc.
BL2200C1865002S1PSAB

Li-ion 7.4V, 2200mAh, 16.28 Wh

CAUTION:

- May explode if disposed of in fire.
- Use specified charger only.
- Do not short circuit.

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9. PACKAGING:

PE BAG SIZE	TBD
CARTON SIZE:	TBD
QUANTITY PER CARTON:	TBD
G.W.	TBD

