

PROPRIETARY INFORMATION:

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REVISION HISTORY

REV	DESCRIPTION	SALES	RFS	DATE	APPROVED
A	INITIAL RELEASE	EM	25878	4/15/2015	DR
B	ADD TO LABEL WIRE PINOUT	EM	25905	5/7/2015	DR
C	CHANGE SHRINK WRAP TO GLOBTEK STANDARD	EM	25999	7/20/2015	DR
D	UPDATE LABEL, MODEL NO ON TITLE TO BL2200F6034501S2PZAL	EM	26020	7/21/2015	DR
E	ADD LINK TO AGENCY, ADD IEC62133 APPROVAL	EM	26188	1/27/2016	DR
F	CHANGE TITLE ON THE LABEL FROM Li-polymer Battery TO Li-Ion PRISMATIC BATTERY PACK	MK	27118	7/9/2018	DR

The purchaser of this product (Customer) agrees that it is their sole responsibility to determine suitability of the product described for their application and to take precautions for protection against any hazards attendant to the handling and use of the product. Products sold are not returnable. GlobTek, Inc. will produce or provide its products to our published specifications. The purchaser of this product (Customer) shall be solely responsible for determining the products' fitness for use in their applications.

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:

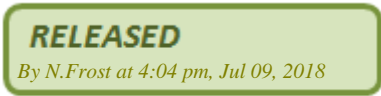
Foot Note:

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



 www.globtek.com 186 Veterans Drive, Northvale, NJ 07467 Tel. 201-784-1000 Fax 201-784-0111	Drawing Title: Li-Ion PRISMATIC BATTERY PACK,1S2P
	3.7 VOLTS @ 2200 mAh
	MODEL NO: BL2200F6034501S2PZAL
	PART NO: BL2200F6034501S2PZAL
	REV F

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By customer signing or accepting this document, they agree to acknowledge and accept the **Guidelines and cautions, Safety Notes, and Safety Precautions published on GlobTek's website** http://en.globtek.com/safety-cautions.php#UUD-NRzU_18

GlobTek offers a 5-year warranty on workmanship and electrical components assembly on all new battery pack products excluding the battery cells themselves which are covered by the Manufacturer's original warranty at their published warranty period. Please refer to the manufacturer's manufacturer's warranty policy for cells. For GlobTek brand cells, GlobTek provides a 12-month warranty for Li-Ion batteries. The warranty period is based upon the expectation that the battery will deliver 80% of its initial capacity after 300 cycles at low to moderate power loads. High power loads may cause a battery to reach 80% of initial capacity in less than the 12-month warranty period. Li-Ion batteries will continue to operate below the 80% capacity threshold; however, the capacity (run time) delivered between charges will continue to decrease.

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1.GENERAL SPECIFICATION:

BATTERY WITH SAFETY CIRCUIT AND PLASTIC HOUSING

CELL MODEL:	GP603450
NOMINAL CELL CAPACITY:	1100mAh
PCM:	GLOBTEK STANDARD
NTC:	N/A
ID:	N/A
CONFIGURATION:	1S2P
WEIGHT:	APPROX. 15.5 G

2.PACK ELECTRICAL SPECIFICATION:

RATED CAPACITY:	2000 mAh MIN, 2200mAh TYPICAL
NOMINAL VOLTAGE:	3.7
WATT-HOUR RATING:	8.14WH
CHARGING METHOD:	CONSTANT CURRENT + CONSTANT VOLTAGE
MAX. CHARGE VOLTAGE [V]:	4.20 (±50mV)
CHARGE CURRENT:	0.5C TYPICAL / 1.0C MAXIMUM
REC. CHARGE CUT OFF:	BY CURRENT 50mA OR TIMER 4H
MAX. CONTINUOUS DISCHARGE CURRENT:	1C
REC. DISCHARGE CUT OFF:	3V
INTERNAL IMPEDANCE:	≤70 mΩ
EXP. CYCLE LIFE:	>500 CYCLES > 70% OF INITIAL CAP. (0,5C/0,5C)
CELL PROTECTION:	
OVER CHARGE DETECTION:	4.3 ±0.02V (0.8 TO 1.2 SEC. DELAY, RESUME 4.1 ±0.03V)
OVER DISCHARGE DETECTION:	2.40 ±0.035V (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.ENVIORMENTAL AND SAFETY

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

5. CELL REGULATORY APPROVALS:

UL:	CELL APPROVED TO UL 1642
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 186 Veterans Drive, Northvale, NJ 07467
 Tel. 201-784-1000 Fax 201-784-0111

Drawing Title: Li-Ion PRISMATIC BATTERY PACK, 1S2P	
3.7 VOLTS @ 2200 mAh	
MODEL NO: BL2200F6034501S2PZAL	
PART NO: BL2200F6034501S2PZAL	REV F

PROPRIETARY INFORMATION:

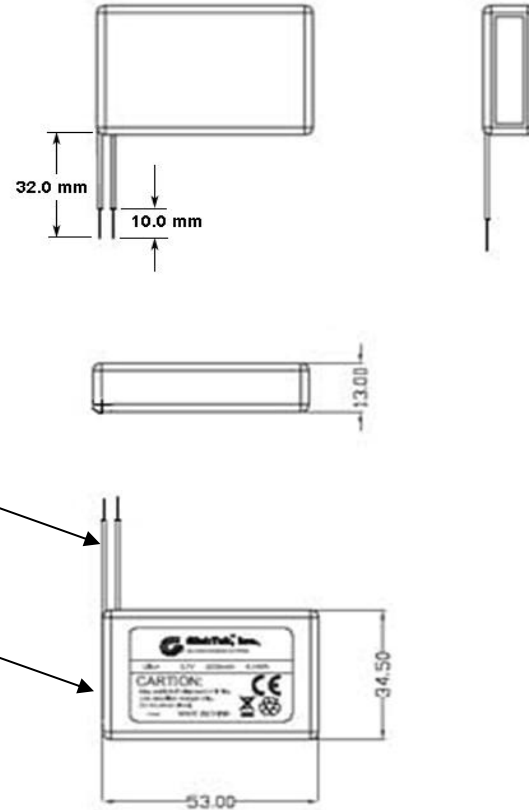
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6. BATTERY PACK APPROVALS:


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
UL:	DESIGN TO MEET UL2054, CERTIFIED IEC62133
AGENCY DOCUMENTS:	http://globtek.info/certs/BL2200F6034501S2P%20IEC%2062133/

7. MECHANICAL PACK:

DIMENSIONS:	53.0mmx34.5mm(±.5)x13.0mm(±.3)
SHRINK WRAP:	GLOBTEK STANDARD, WHITE SHRINK WRAP WITH BLACK LETTERING
WIRE TYPE:	2 x 24AWG, UL 1007
WIRE LENGTH:	32 mm +/- 1.0
WIRE POLARITY:	WHITE POSITIVE (+)
WIRE POLARITY:	BLACK NEGATIVE (-)
STRIP LENGTH:	10±1 mm
TIN LENGTH:	5±1 mm
ADDITIONAL REQUIREMENTS:	SEE TERMINALS NEXT PAGE



 WIRES MUST EXIT FROM SIDE OF BATTERY PACK

 PCM MUST BE LOCATED ON TOP OF PACK

[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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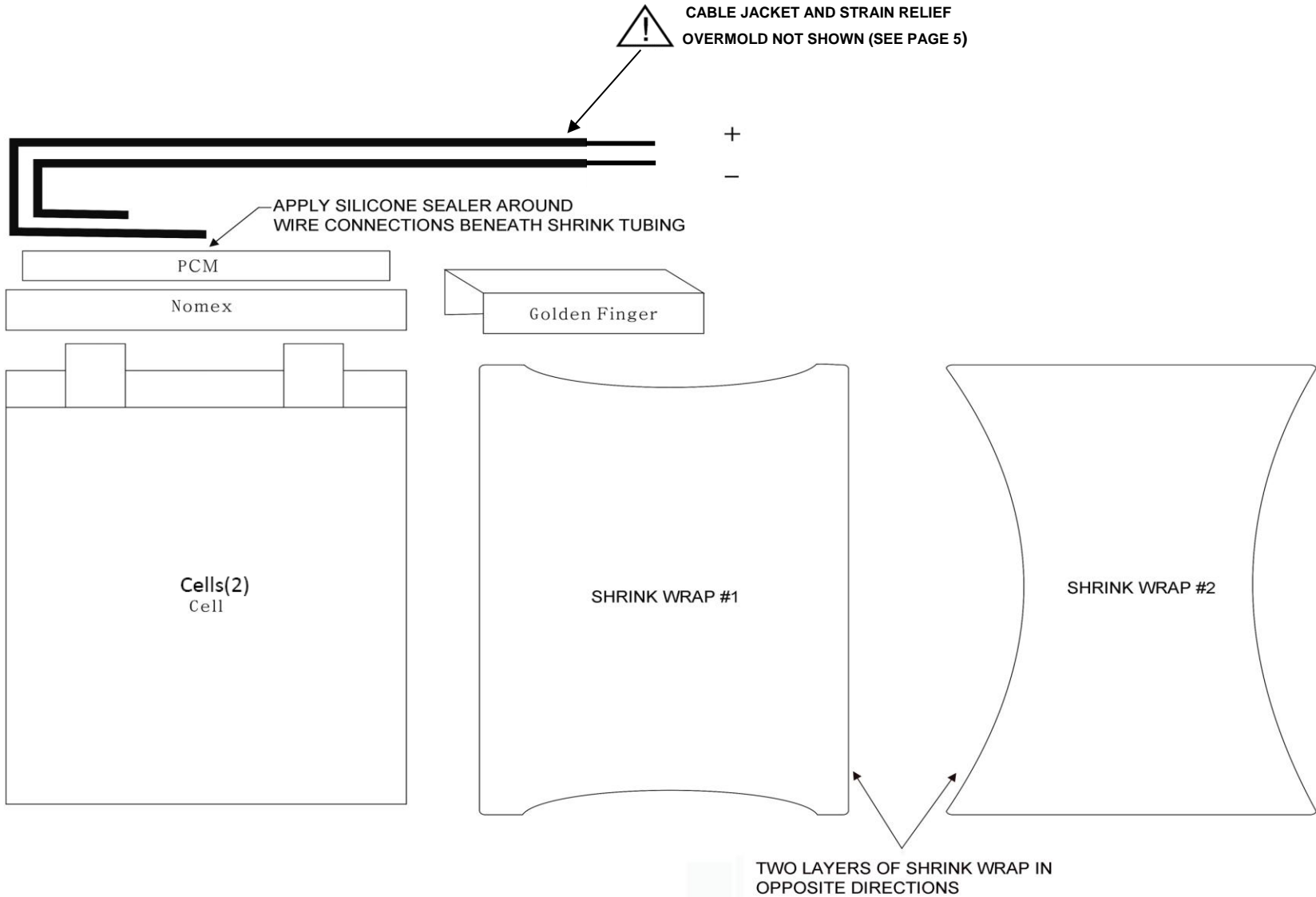
3.7 VOLTS @ 2200 mAh

MODEL NO: BL2200F6034501S2PZAL

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REV F

EXPLODED VIEW



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8. OUTPUT CONNECTOR:

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



BLACK: -V
WHITE: +V

EQUIVALENT		Y / N
PLUG TYPE	N	N/A
CONTACTS		
WIRE 1		BLACK (-V)
WIRE 2		WHITE (+V)
ADDITIONAL REQUIREMENTS		N/A

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9. LABEL:

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



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Li-Ion PRISMATIC BATTERY PACK

MODEL NO: BL2200F6034501S2PZAL
PART NO: BL2200F6034501S2PZAL

3.7Vdc 2200mAh 8.14Wh
IEC designation: 1ICP7/35/51-2

CAUTION:

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





White(+),Black(-)

201506

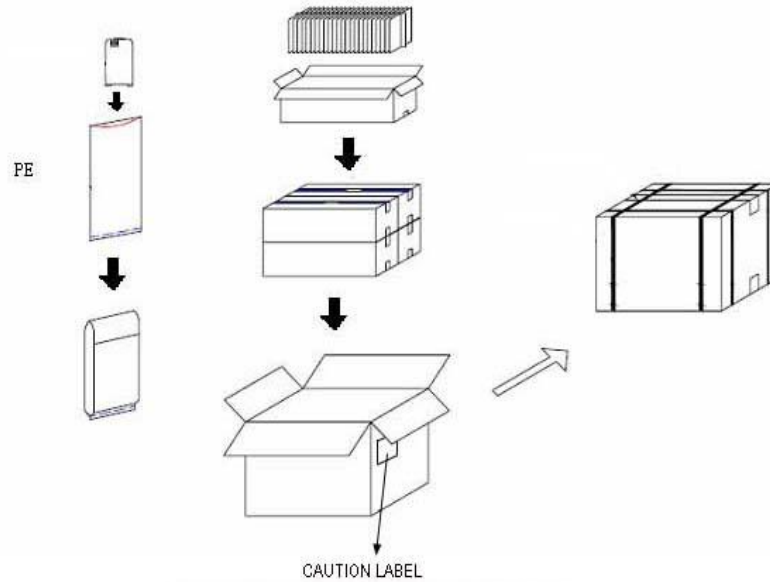
MADE IN CHINA

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9. PACKAGING:

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



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