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**REVISION HISTORY**

REV	DESCRIPTION	SALES	RFS	DATE	APPROVED
A	Initial Release	SV	27454	11/11/2019	DR

See Page 2 for important battery warranty and usage information.

**RELEASED**  
*By pudxc at 2:35 pm, Nov 19, 2019*

**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. <a href="http://www.globtek.com">www.globtek.com</a> 186 Veterans Drive, Northvale, NJ 07467 201-784-1000 Fax 201-784-0111	Tel.	Drawing Title: Li-Ion Polymer Battery	
		7.4 Volts @ 1200mAh	
		Model No: 703445 (2ICP7/35/46)	Rev. A
		Part No: BL1200F7034452S1PQAN	

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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\\_I8](http://en.globtek.com/safety-cautions.php#.UUD-NRzU_I8)

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.

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.

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek terms and conditions, which supersede all other agreements, terms and conditions (<http://en.globtek.com/terms-and-conditions/>). Lithium Ion batteries are inherently dangerous. Continuous usage or charging without allowing the battery to discharge is a hazard. FIRE HAZARD: This like all Li-Ion battery packs must be regularly discharged and charged. it is not recommended to be kept on permanent full charge and in a full state of charge.

**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:

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**1. GENERAL SPECIFICATION:**

**BATTERY WITH SAFETY CIRCUIT**

CELL:	703445
PCM:	Globtek Standard
NTC:	N/A
FUEL GAUGE:	N/A
CONFIGURATION:	2S1P
WEIGHT:	TBD

**2. ELECTRICAL SPECIFICATION:**

RATED CAPACITY:	1200mAh
NOMINAL VOLTAGE:	7.4V
WATT-HOUR RATING:	8.88wH
CHARGING METHOD:	Constant Current + Constant Voltage
MAXIMUM CHARGE VOLTAGE [V]:	4.2V/cell ( Recommended 4.1V±1%/cell)
CHARGE CURRENT:	0.2C(Standard); 0.5C(Max)
RECOMMENDED CHARGE CUT OFF:	By current 30mA
MAXIMUM CONTINUOUS DISCHARGE CURRENT:	0.5C
DISCHARGE CUT OFF:	6.0±0.1V
INTERNAL IMPEDANCE:	≤220 mΩ
EXPECTED CYCLE LIFE:	>300 cycles>80% of initial cap. of cells (charge 0.2C to 4.2V/cell; discharge 0.2C to 6.0V/cell)
CELL PROTECTION:	
OVER CHARGE VOLTAGE DETECTION:	4.28±25mV (Release voltage 4.08±50mV, delay time 1 sec. - 2.1 sec.)
OVER DISCHARGE VOLTAGE DETECTION:	2.9±0.08V (Release voltage 3.0±0.1V, delay time 128ms - 141ms)
OVER CHARGE CURRENT DETECTION:	3.5-8.0A (Release cut load, delay time 12msec.-16msec.)

**3. AMBIENT CONDITIONS**

**TEMPERATURE RANGE:**

CHARGE:	0 to +50°C
DISCHARGE:	-10 to +60°C
STORAGE TEMPERATURE:	≤1 year at -20C to +35C ≤3 months -20C to 45C

HUMIDITY:	65 +/-20%RH
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**4. ENVIRONMENTAL AND SAFETY**

Please follow GlobTek, Inc. Handling and Safety Precautions for Lilon & LiPolymer.

**5. CELL REGULATORY APPROVALS:**

UL:	Approved to UL1642
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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:	Pack designed to meet IEC62133; UL2054

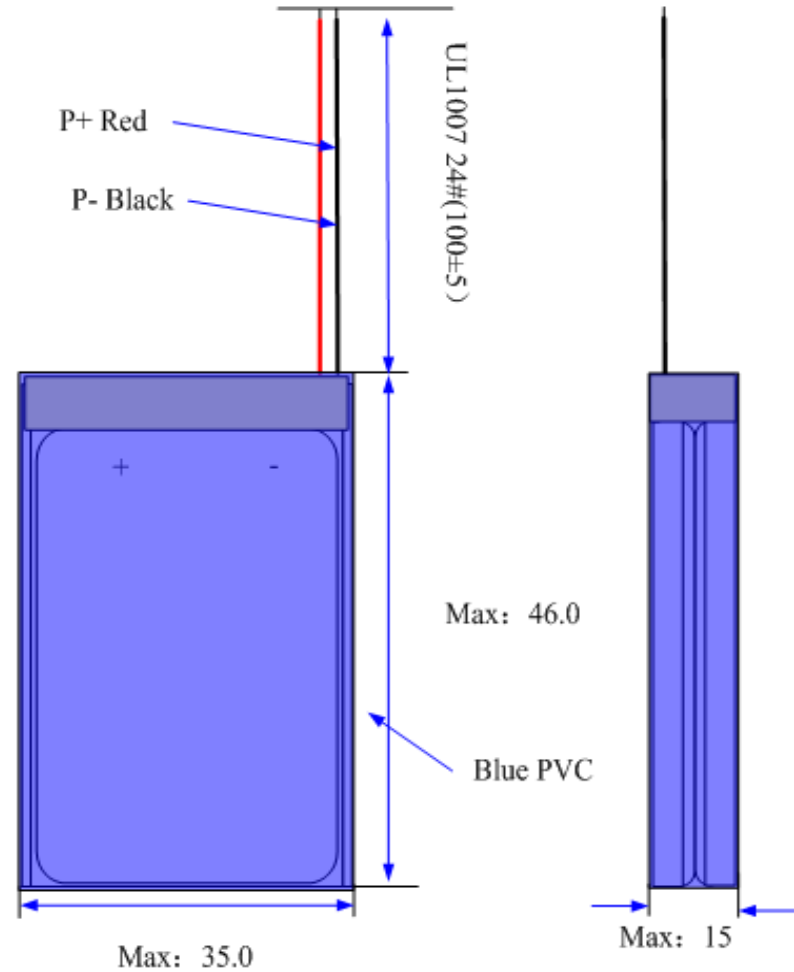


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**6. MECHANICAL:**

DIMENSIONS:	15*35*46mm (W*H*L)
SHRINK WRAP:	PVC
WIRE TYPE:	UL1007 24AWG
WIRE LENGTH:	100mm +/- 5.0mm
WIRE POLARITY:	Red Positive (+)
WIRE POLARITY:	Black Negative (-)
ADDITIONAL REQUIREMENTS:	N/A




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**7. OUTPUT CONNECTOR:**

EQUIVALENT	Y / N	
PLUG TYPE	Y	TBD
TERMINALS	Y	TBD

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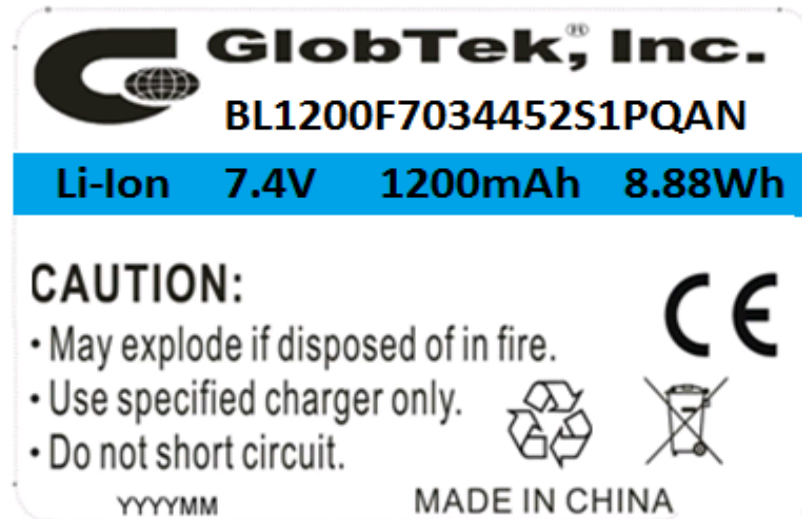
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**8. LABEL:**

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



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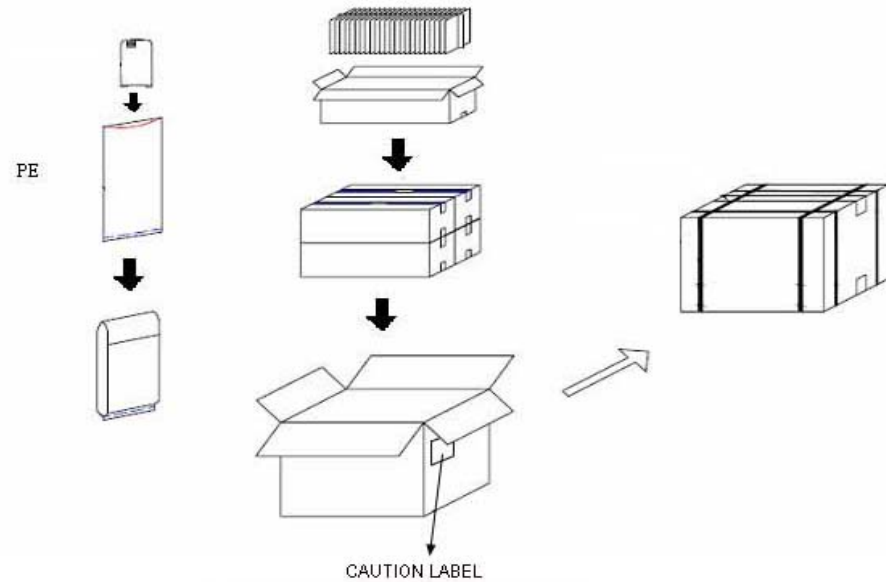
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**9. PACKAGING:**

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



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