

Delivering leading edge, innovative power solutions for more than 30 years....

Model:BL3500C1865001S1P***

May 12, 2025

BL3500C1865001S1P***

Information

Model Number	BL3500C1865001S1P***
Description	BL3500C1865001S1P***, , Battery Cylindrical Can, Battery Li-Ion, , Input Rating: , , Output Rating: Watts, Power rating with convection cooling (W) , V in 0.1V increments, Approvals:

Model Picture



For Representation Only

Agency Documents	http://www.globtek.info/certs/BL3500C1865001S1PCMK/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O3a00000MwJlfEAF
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0O3a00000MwJlfEAF
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf

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MODEL PARAMETERS

Type	Battery Cylindrical Can
Technology	Battery Li-Ion
Category	
Input Voltage	
I/P Amps (A)	
Wattage (W)	
Vout Range (V)	
Efficiency Level	
Ingress Protection	IPx0
Size (mm)	

PROPRIETARY INFORMATION

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<https://www.globtek.com/ds/27SdxSx9xeF/EggUpgdspdt.html#datasheet>

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ENCLOSURE

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
BL2600C186501S1PGJT	V			RFQ
1INR19/73	V			RFQ
1INR19/66	V			RFQ

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SPECIFICATIONS

GENERAL SPECIFICATION:

BATTERY WITH SAFETY CIRCUIT AND PLASTIC HOUSING

CELL:	LR1865HB
PCM:	GLOBTEK STANDARD
NTC:	N/A
ID:	N/A
CONFIGURATION:	1S1P
WEIGHT:	APROX 45 G

2.ELECTRICAL SPECIFICATION FOR PACK:

RATED CAPACITY:	3350 mAh
NOMINAL VOLTAGE:	3.6V
WATT-HOUR RATING:	12.06Wh
CHARGING METHOD:	CONSTANT CURRENT + CONSTANT VOLTAGE
MAX. CHARGE VOLTAGE [V]:	4.2V
CHARGE CURRENT:	0.3C Max
RECOMMENDED CHARGE CUT OFF:	BY CURRENT 67mA OR TIMER 6H
MAX. CONTINUOUS DISCHARGE CURRENT:	2A
RECOMMENDED DISCHARGE CUT OFF:	2.8V
INTERNAL IMPEDANCE:	220 M
EXP. CYCLE LIFE:	>500 CYCLES > 70% OF INITIAL CAP. (0,5C/0,5C)
CELL PROTECTION:	
OVER CHARGE DETECTION:	4.25 ±0.03V (0.8 TO 1.2 SEC. DELAY, RESUME 4.19±0.03V)
OVER DISCHARGE DETECTION:	2.80 ±0.05V (130 to 160msec. DELAY, RESUME 3.0±0.05V)
OVER CURRENT DETECTION:	4.0A to 7.0A (8 to 15msec. DELAY)

3. AMBIENT CONDITIONS

TEMPERATURE RANGE:	
CHARGE:	0 TO +45°C
DISCHARGE:	-20 TO +60°C

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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:	60 ±25%RH

4.ENVIRONMENTAL AND SAFETY

Please review quarterly and follow **HANDLING AND SAFETY PRECAUTIONS FOR Lilon & LiPolymer.**

5. CELL REGULATORY APPROVALS:

UL: UL1642

6. BATTERY PACK APPROVALS:

RoHS:	COMPLIES WITH EU 2002/95/EC AND CHINA SJ/T 11363-2006
CE Mark:	COMPLIES WITH 2013/56/EU EN61000-6-1:2007, EN61000-6-3:2007
TRANSPORTATION:	PACK DESIGNED TO MEET un38.3
UL:	Design to meet UL2054, IEC62133

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DERATING CURVE

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INPUT CONFIGURATION

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Approvals

Logo	
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