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

odel:BL2600C1865001S2P**L	May 18, 2
BL2600C1865001S2P**L	
nformation	
Aodel Number	BL2600C1865001S2P**L
Description	BL2600C1865001S2P**L, , Battery Cylindrical Can, Battery Li-Ion, , Input Rating: , , Output Rating: Watts, Power rating with convection cooling (W) , V in 0.1V increments, Approvals:
<i>I</i> odel Picture	
	For Representation Only
Agency Documents CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O3a00000NpovHEAR
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0O3a00000NpovHEAR
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	
Туре	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)	



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ENCLOSURE



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SPECIFICATIONS



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1.GENERAL SPECIFICATION:

BATTERY WITH SAFETY CIRCUIT AND PLASTIC HOUSING

CELL:	LR1865SK 2600mAh
PCM:	GLOBTEK STANDARD
NTC:	N/A
ID:	N/A
CONFIGURATION:	1S2P
WEIGHT:	APPROX 100g

2.ELECTRICAL SPECIFICATION FOR PACK:

RATED CAPACITY:	5200 <u>mAh</u>			
NOMINAL VOLTAGE:	3.65V			
WATT-HOUR RATING:	18.98Wh			
CHARGING METHOD:	CONSTANT CURRENT + CONSTANT VOLTAGE			
MAX. CHARGE VOLTAGE [V]:	4.2V			
CHARGE CURRENT:	0.5C Max			
REC. CHARGE CUT OFF:	BY CURRENT 0.05C OR TIMER 6-8H			
MAX. CONT. DISCHARGE CURRENT: 1.5C				
REC. DISCHARGE CUT OFF:	3.0V			
INTERNAL IMPEDANCE:	≤150 <u>mΩ</u>			
EXP. CYCLE LIFE:	>500 CYCLES > 70% OF INITIAL CAP. (0.2C/0.2C)			



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3L2600C1865001S2P**L		May 1
CELL PROTECTION:		
OVER CHARGE DETECTION	ON: 4.25 ±0.03V	
	(0.8 TO 1.2 SEC. DELAY, RESUME 4.05±0.05V)	
OVER DISCHARGE DET:	2.50 ±0.05V	
	(10 to 30msec. DELAY, RESUME 2.8±0.05V)	
OVER CURRENT DET:	8.0A to 15.0A (8 to 15msec. DELAY)	
3. AMBIENT CONDITIONS		
TEMPERATURE RANGE:		
CHARGE:	0 TO +45°C	
DISCHARGE:	-20 TO +60°C	
CHARGE RETENTION/STORA	GE [%]:	
	1 YEAR AT -20 TO +20°C >80%	
	3 MONTHS AT -20 TO +40°C >80%	
	1 MONTH AT -20 To +60°C >80%	
HUMIDITY:	60 ±25%RH	
4.ENVIRONMENTAL AND SA	VEETA	
PLEASE FOLLOW GlobTek, In	c. HANDLING AND SAFETY	
PRECAUTIONS FOR	R Li Ion & Li Polymer.	



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UL:	UL1642	
6. BATTERY PACK APPRO	DVALS:	
RoHS:	Compliant to RoHS 2 + 2.1/3	
TRANSPORTATION:	PACK DESIGNED TO MEET un38.3	
UL:	Designed to meet UL2054, IEC62133	
IEC 61960 Cell designati	on and marking: 1INR19/66-2	



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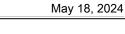
DERATING CURVE



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INPUT CONFIGURATION





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Approvals