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May 17, 2024



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BL2600C186501S1P***

Model:BL2600C186501S1P***

Information

BL2600C186501S1P*** Model Number

BL2600C186501S1P***, , Battery Cylindrical Can, Battery Li-lon, , Input Rating: , , Output Description Rating: Watts, Power rating with convection cooling (W), V in 0.1V increments, Approvals:



Model Picture

For Representation Only

Agency Documents		
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O3a00000MAzeqEAD	
RoHS/RoHS2 Declaration	ration https://www.globtek.com/pdf/rohs_cert/a0O3a00000MAzeqEAD	
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:BL2600C186	3501S1P***	May 17, 2024
MODEL PARA	METERS	

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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Model:BL2600C186501S1P***

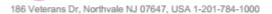
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ENCLOSURE	







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RATING TABLE				
Model Number	Voltage	Amps(A)	Watts(W)	RFQ
BL2600C186501S1PG2T	V			RFQ
BL2600C186501S1PGJT	V			RFQ

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Model:BL2600C186501S1P***

lodel:BL2600C18650151P****	May 17, 20
SPECIFICATIONS	
SPECIFICATIONS	
GENERAL SPECIFICATION:	
BATTERY WITH SAFETY CIRCUIT AND PLA	STIC HOUSING
CELL:	CMICR18650F8
PCM:	R5478N218CD-TR-FF+AO8810
NTC:	N/A
ID:	N/A
CONFIGURATION:	1S1P
WEIGHT:	APROX 45 G
2.ELECTRICAL SPECIFICATION FOR PACK:	
RATED CAPACITY:	2600 mAh
NOMINAL VOLTAGE:	3.6V
WATT-HOUR RATING:	9.36Wh
CHARGING METHOD:	CONSTANT CURRENT + CONSTANT VOLTAGE
MAX. CHARGE VOLTAGE [V]:	4.2V
CHARGE CURRENT:	0.2C Max
RECOMMENDED CHARGE CUT OFF:	BY CURRENT 50mA OR TIMER 8H
MAX. CONTINUOUS DISCHARGE CURRENT	: 1.5C
RECOMMENDED DISCHARGE CUT OFF:	3.0V
INTERNAL IMPEDANCE:	250 M
EXP. CYCLE LIFE:	>500 CYCLES > 70% OF INITIAL CAP. (0,5C/0,5C)
CELL PROTECTION:	
OVER CHARGE DETECTION	I: 4.3 ±0.02V
	(0.8 TO 1.2 SEC. DELAY, RESUME 4.1±0.03V)
OVER DISCHARGE DETECTION	: 2.80 ±0.1V
	(76,8 to 115msec. DELAY, RESUME REMOVE LOAD & CHARGING CURRENT)
OVER CURRENT DETECTION	: 4.5A to 8.5A (9.6 to 14.4msec. DELAY)
3. AMBIENT CONDITIONS	
TEMPERATURE RANGE:	
CHARGE:	0 TO +45°C
DISCHARGE:	-10 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:	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:	







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	May 17, 20
Design to meet UL2054, IEC62133	
	COMPLIES WITH EU 2002/95/EC AND CHINA SJ/T 11363-2006 COMPLIES WITH 2013/56/EU EN61000-6-1:2007, EN61000-6-3:2007 PACK DESIGNED TO MEET un38.3 Design to meet UL2054, IEC62133







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1odel:BL2600C186501S1P***	May 17, 202 ⁴
DERATING CURVE	



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INPUT CONFIGURATION	



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Approvals	
Logo	