Panasonic NCR18650B 3400mAh (Green)

Official specifications:

- Real capacity: NCR 3400mAh
- Size: 18mmx65mm
- Netweight: 45g
- **<=45mOhm**
- Cut off at 2.75V, full charge 4.35V (Wrong value)

Name	**Panasonic NCR18650B 3400mAh (Green)**					
Cell	Panasonic NCR18650B					
Supplier	cn qualti goods				Date:	6-2012
Size	Weight:	**45.9 g**	Length:	**65 mm**	Diameter:	**18.3 mm**
Info	Top:	**flat**	Bottom:	**metal**	Rated A:	
Test condition	Charge voltage:		4.2	Termination current:		0,1
Test current (A)	0,2	0,5	1	2	3	5
Measured capacity (Ah)	3,326	3,270	3,197	3,128	3,103	3,080
Measured energy (Wh)	12,142	11,856	11,472	11,014	10,727	10,296
PCB protection trip current (A)	**NA**					
Calculated internal resistance (ohm)	**0,11**					

This is the latest cells from Panasonic with the highest capacity.
The cell used can be discharged down to 2.5 volt, in my test I only discharges to 2.8 volt, i.e. I do not measure the full capacity. But then, not all lights will be able to use the full capacity.

These batteries are good at both low and higher current.

Discharge, time: Panasonic NCR18650B 3400mAh (Green)

Discharge, time: Panasonic NCR18650B 3400mAh (Green)

Discharge, energy: Panasonic NCR18650B 3400mAh (Green)

These are unprotected cell, i.e. the protection will not trip.

Conclusion

This is genuine Panasonic cells and cannot get any other rathing than very good, but remember that they are unprotected!