



## Thunder Sky Winston Battery

The torque force for the tightening of the cell terminal connectors

THUNDER SKY WINSTON BATTERY	Battery type	torque settings ( Nm)
LYP	TSWB-LYP40AH	12--15
	TSWB-LYP60AH	
	TSWB-LYP90AH-B	20--22
	TSWB-LYP100AH	
	TSWB-LYP160AH(A/B)	24--26
	TSWB-LYP200(A)	
	TSWB-LYP130AH	35--40
	TSWB-LYP200(B)	
	TSWB-LYP260AH	
	TSWB-LYP300AH	
	TSWB-LYP1000AH(C)	
	TSWB-LYP400AH(A/B)	
	TSWB-LYP700AH	
	LP	TSWB-LP12V40AH
TSWB-LP12V60AH		
TSWB-LP12V90AH		20--22

Updated 10/2019

### Recommendations:

- There is no need to over-tighten the terminal connections. That is why the lower value from the suggested range is preferred.
- The connection of the cells should be **inspected every 3 months** in mobile applications. In stationary applications, it should be inspected every 6 months.
- GWL highly recommends to perform a regular inspection with the **infrared thermal cameras** to detect any sources of poor connection or over-heating caused by the improper connection between the cell terminals and the wires or terminal connectors.
- Based on the long-time experience, most of the damages to the cells performance are caused by the poor connection and the resulting over heating of the terminals of the cells.