

freedom
WON

[illegible]

Plug into the current future with



Warranty [5]	10 years or 4 000 cycles for average 80% DoD, and max 90% DoD
Service Life [5]	>16 years (>6 000 cycles) expected life at 70% DoD (1), >20 years (>7 500 cycles) at 50% DoD
Essential Accessories	Note that for connecting the battery to a PC a special adapter is required: Lite 5/4 up to Lite 60/42 - Serial RS232 to USB adapter (must be the brand supplied by Freedom Won) Lite 80/56 - CANdapter (available from Freedom Won)

Notes to Specification Sheet:

- 1) DoD = Depth of Discharge, recommended 70% DoD on average for extended life, 50% DoD on average for optimal life – max for normal operation 90% DoD, max for system in standby 100% DoD.
- 2) Applies to both charge and discharge. Max load duration – 5 minutes per 30 minute cycle. 2 x Max overload can be handled for 2 seconds.
- 3) Fly Leads 1,8m long, power cable Red = Positive, Black = Negative, conductors in table refer to one electrode i.e. per positive and negative connections
- 4) The hardwired control is via a DB15 plug and the CAN control is via a ethernet cable (may be non-standard pin configuration for some inverters). If Hard Wired control is required enquire about Freedom Won accessories eg control harness, contactor box, relay box.
- 5) End of Life (EoL) defined as cell dropping to 60% of Beginning of Life (BoL) capacity for expected life and 70% of BoL capacity for warranty. This warranty applies to Lites sold after 1 September 2019. For Lites sold prior please contact Freedom Won for warranty information.

Date Issued – 9 September 2019