

Field Service Kit for Inspections

Tools:

Item:	Description / Notes:
Multi Functional Wire Strippers	Cut / clean / strip wire ends
Screwdrivers - Phillips and Flat	Very small flat head required for terminal blocks (eg. 3/32")
Multimeter (CAT III or IV)	Must have current loop and continuity testing capabilities; must read DC voltage and amperage
Adjustable wrench or SAE and metric deep well sockets / ratchet	Tighten any components that may be loose
Measuring tape / level rod	For measuring water depth, etc.
Ladder	Clean solar panels, rain gauge
Additional basic misc. tools	Hammer, needle nose pliers, utility knife, pry bar, etc. for general tasks
5 gallon bucket or similar	May be used for pressure sensor testing if pond is dry; will also need 1-3 gallons of water to test sensor at two different water depths
Pruning tool(s) (not required at all sites)	Tool to trim branches, etc. that may be growing over rain gauge or solar panel

Consumables:

Item:	Description / Notes:
Coin Cell Battery	CR1220 battery for Thunder Panel
Towels / rags	For cleaning solar panel, rain gauge
Typical Misc. Supplies	Electrical tape, cable ties, wire nuts, etc.