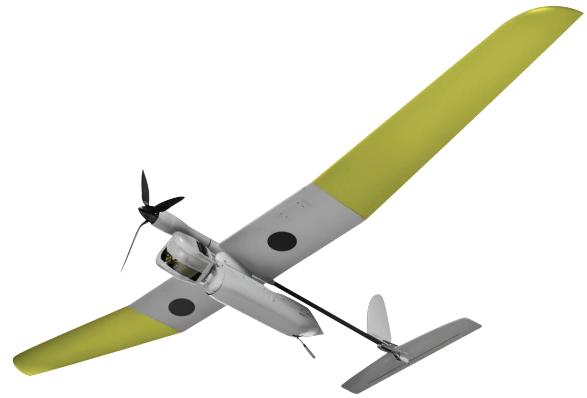
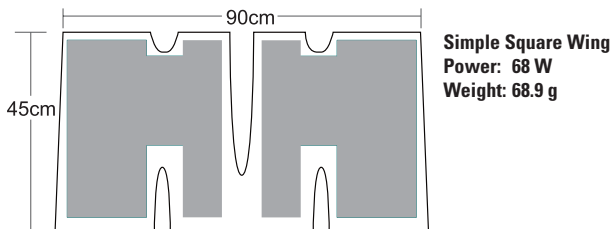
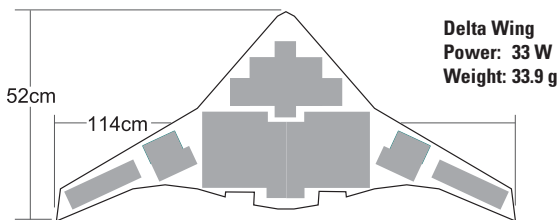
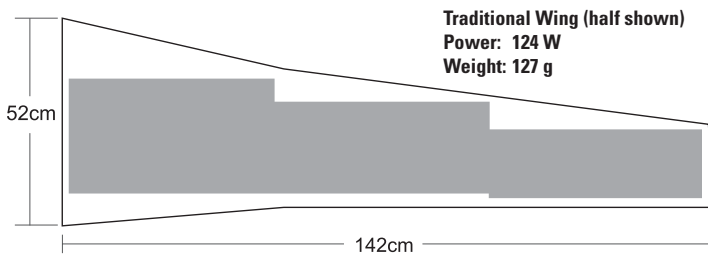


Alta Devices enables significant range and flight duration improvement through high performance mobile power technology

- Integration can be done on curved surfaces and limited areas
- Minimal weight and impact to aerodynamics
- World-record cell and module efficiencies
- Low temperature coefficients and high sensitivity to low light generate unsurpassed real world performance
- Unique cross-tie interconnect improves performance when shaded

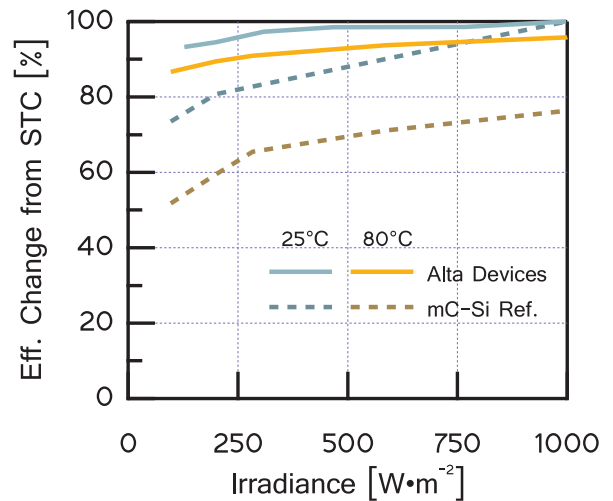


Example Wing Layouts

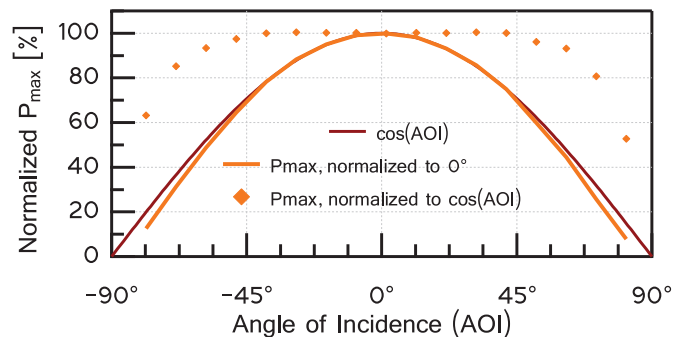


Shaded area shows region covered by solar cells. Weight is for unencapsulated solar product.

Low Light / High Temperature Performance



Angular Performance



System Options

Encapsulation (weight in g·m ⁻²)	Complete (809), front side (545), none (237)
Bus Voltage	Adjustable. Common busses are 12, 24V
Power Conditioning	Direct DC, MPPT, or battery charge management
Power Density	Up to 250W·m ⁻² depending on cell configuration