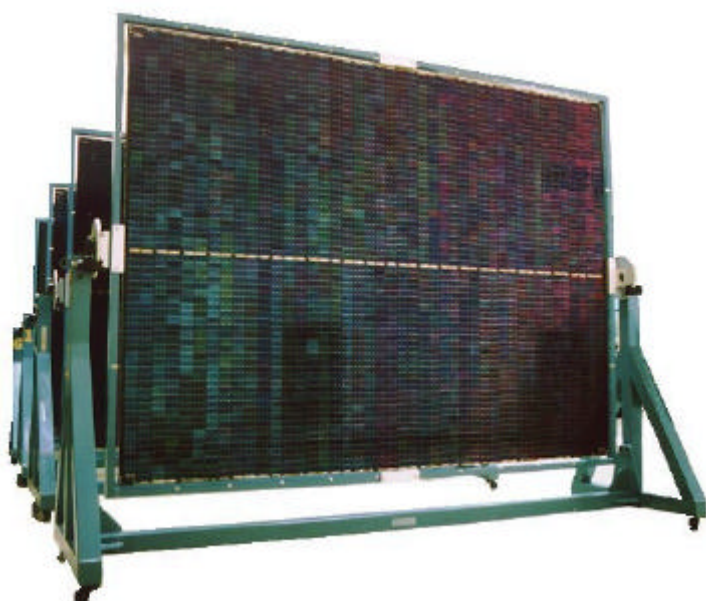


Solar Array Panel



Outline

MELCO has extensive experiences in developing, design, manufacturing, test and delivery of Solar Array through international and domestic satellite programs.

Heritage

Delivered over 200 flight arrayed panels for international programs

- INTELSAT-VII
- PanAmSat-7/8
- INTELSAT-IX etc

Characteristics

- Space qualified design and process of welding CIC assembly, laydown and panel assembly, with Si, High Efficiency Si and GaAs Mult-junction solar cells
- Light weight and high specific power
- Approx. 12 flight panels of 1kW panels be provided per month with High Efficiency Si solar cells

Performance Summary

<u>Items</u>	<u>Description</u>	<u>Remarks</u>
Weight	2.1kg/m ² min	
Specific Power	134W/m ² max (15 years GEO)	High Efficiency Si solar cells for LEO application
Protection against atomic oxygen	option	