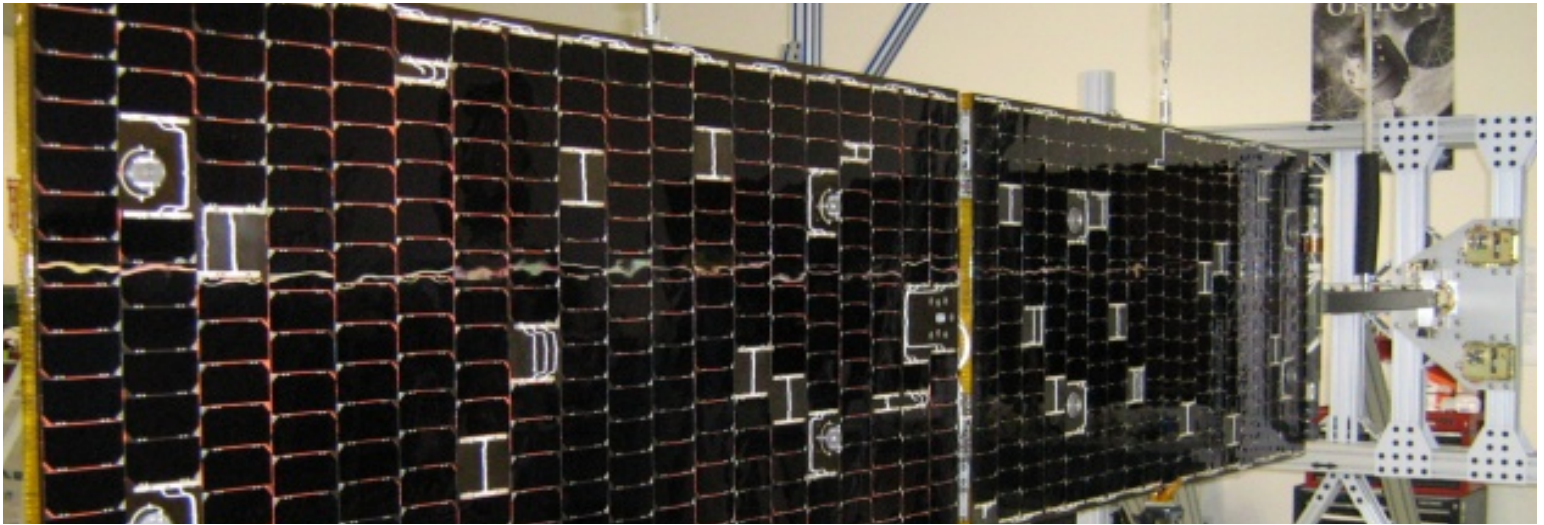


Rigid Panel Solar Arrays

FACT SHEET



Orbital ATK is the leading worldwide independent provider of solar arrays.

Performance Features

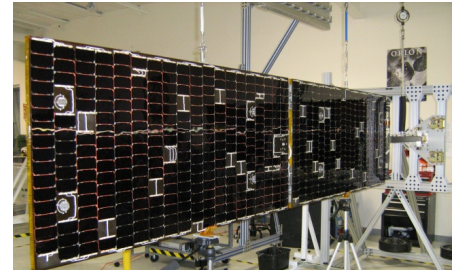
- Adaptable sizes and interfaces based on flight-proven designs
- All photovoltaic technologies accommodated
- Stiff, lightweight composite structures
- Synchronized deployment
- Non-pyrotechnic release system
- Stowed transfer orbit power
- Long or traverse axis deployment
- Scalable for any power requirement by modular assembly
- Multiple panels per wing
- Transfer orbit thermal shield capability

Application Benefits

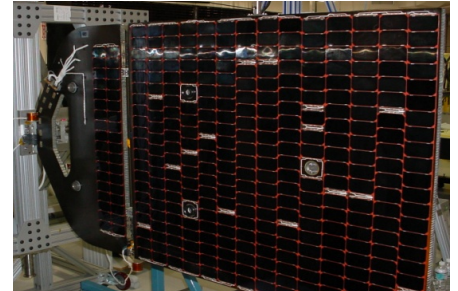
- 100% Flight success platform
- Low risk, heritage technology
- Simple, easily adaptable spacecraft interfaces
- Flight heritage components and processes
- Multi-stage deployment options
- Over 350 panels produced
- Over 100 wings produced
- High voltage capability
- High throughput
- Low, non-recurring cost
- Array-level end-to-end testing
- Maintains heritage qualification basics

Rigid Panel Solar Arrays

Program	Orbit	Customer	Panels/ Wings	Wings
MISTI 3	LEO	Spectrum Astro / USAF	10	2
GPS IIF	MEO	Boeing Satellite Systems	3	12
INDOSTAR	GEO	CTA Space (Orbital ATK)	6	2
NMP DS1	Deep Space	NASA/JPL/BMDO	4	2
BSAT 2A, 2B	GEO	Orbital ATK	6	4
NSTAR-C (STAR-2)	GEO	Lockheed Martin / Orbital ATK	2	2
SWIFT	LEO	Spectrum Astro	3	2
GPS IIF-M	MEO	Boeing Satellite Systems	3	24
PAS 1-3 (Galaxy)	GEO	Orbital ATK	2	6
BSAT 2C	GEO	Orbital ATK	4	2
TELKOM 2	GEO	Orbital ATK	2	2
NextSat	LEO	Ball Aerospace	2	2
ASTRO	LEO	Boeing Satellite Systems	2	1
AIM	LEO	Orbital ATK	6	1
Optus D1	GEO	Orbital ATK	3	2
Optus D2, D3	GEO	Orbital ATK	4	4
OCO	LEO	Orbital ATK	2	2
Wild Geese	GEO	Orbital ATK	2	2
Intelsat 11, 15, 16KuKu	GEO	Orbital ATK	4	6
Horizon-2	GEO	Orbital ATK	3	2
MEASAT-1R	GEO	Orbital ATK	3	2
THOR-IIR (THOR 5)	GEO	Orbital ATK	4	2
PAS 11R (KOREASAT-6)	GEO	Orbital ATK	3	2
C/NOFS	LEO	General Dynamics	7	1
TacSat 4	LEO	NRL/APL	4	1
AMC-21, 5R, FM1, FM2	GEO	Orbital ATK	4	8
STP-SIV	LEO	AeroAstro	2	3
08C, 08D (NewDawn, IS-18)	GEO	Orbital ATK	4	4
NuSTAR	LEO	Orbital ATK	6	1
10A,10B (Azerspace, Hylas-2)	GEO	Orbital ATK	4	2
09A (IS-23)	GEO	Orbital ATK	4	2
09B (StarOne)	GEO	Orbital ATK	4	2
10C (Mexsat)	GEO	Orbital ATK	4	2
10A (Azerspace 1)	GEO	Orbital ATK	4	2
STP-SIV	LEO	Ball	2	2
10E (SES-8)	GEO	Orbital ATK	4	2
11A (THAICOM)	GEO	Orbital ATK	4	2
10D (Amazonas 4a)	GEO	Orbital ATK	4	2
OCO-2	LEO	Orbital ATK	2	2



OCO



Wild Geese



SWIFT



NexSat / Astro



AIM

More Information

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