

144W Solar Array for Small Satellites

Applications

- Nanosatellites
- Pumpkin SUPERNOVA™ 6U/12U NanoSats
- Small satellites

Features

- Topology:
 - Contained in stowed position in two hinged clamshell halves
 - Dual 9-panel configuration, 8S9P + 8S9P
- Electrical:
 - 2 x 72W = 144W
 - 2 independent sides
- SWaP:
 - Stowed: 486 x 91 x 123mm (5.44l)
 - Deployed: 823 x 845 x 123mm
 - Mass: 4.2kg
- Features:
 - Utilizes 5th-generation PMDSAS solar panels
 - Entire array is captured within clamshell in stowed position; robust construction
 - Single customer-supplied release mechanism enables automatic deployment
 - Versatile mounting plate to attach to S/C structure; can be articulated on S/C

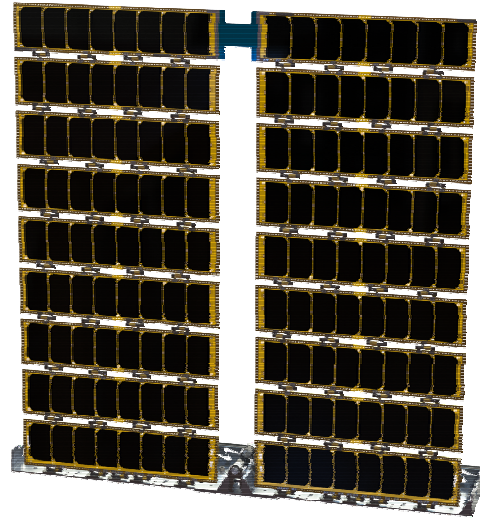


Figure 1: Deployed

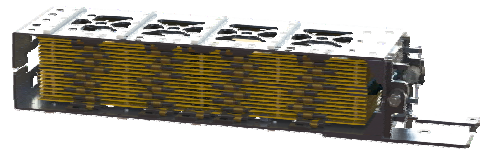


Figure 2: Stowed

ORDERING INFORMATION

Pumpkin P/N 710-01736

Option Code	Configuration
/P00 (standard)	Standard



CAUTION

Electrostatic
Sensitive
Devices

Handle with
Care



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