EPIC 6U

Our experience in the delivery of CubeSat missions for a wide range of applications means that our EPIC and EPIC PLUS platforms have the versatility to meet the requirements of the vast majority of payloads.

The EPIC 6U and EPIC 6U PLUS range is fast becoming one of our most popular CubeSat classes. For missions requiring perfomance, longevity and that bit more space in the trunk, our EPIC 6U class is just the job. Boasting large deployable solar arrays and enhanced pointing, not to mention our flight proven avionics core, our EPIC 6U class is the ideal choice for both commercial and government missions.

PRODUCT DETAIL

	EPIC 6U PLUS	EPIC 6U
Payload Volume (min)	4U	4.5U
Peak Payload Power	180 W	120W
Power Bus	VBAT 3.3V, 5V and 12V	
Energy Storage (min)	120 Wh	80 Wh
Pointing (min)	<0.05º	
Stability	0.002º/s	
Data Storage (min)	4 GB	
Reliability	EPIC-SAFE	
Data Bus	I2C, CAN, UART, QSPI, LVDS, RS232, RS422	
Data Downlink	100Mbps/9.6Kbps	8Mbps/9.6Kbps
Frequency	S/X/VHF/UHF	S/VHF/UHF
Framing	CCSDS Compatible	
Security	AES256 Encryption Authentication	
Design Lifetime	5yr	