

Manual Refresh



SAT-2025-DT-001 Digital Twin Dashboard



SYSTEM NOMINAL

Last Update: 2025-03-19 09:37:37 UTC



Key System Metrics



Power Systems

Battery Voltage

29.57V

Range: 25.0-31.5V

Solar Panel Voltage

99.76V

Range: 92.0-108.0V

Power Consumption

156.84W

Range: 130.0-170.0W



Thermal Systems

Internal Temp

26.32°C

Range: 18.0-33.0°C

Battery Temp

31.81°C

Range: 26.0-34.0°C

Solar Panel Temp

41.85°C

Range: 32.0-45.0°C



AOCS

Gyroscope

0.06

Range: 0.0-0.1

Orientation

1.59°

Range: -8.0-8.0°

Reaction Wheel Rpm

3044.21RPM

Range: 2950.0-3050.0RPM



Signal

-7.5

Range

Data

97

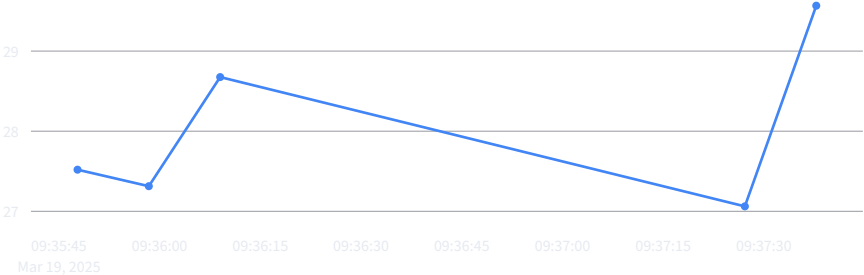
Range

Pack

1.1

Range

Battery Voltage (V)



Internal Temperature (°C)

