

Single Electronic Power Conditioner (EPC) commercial

4/22/09

Parameter	2000H (Regulated)	2300H (Unregulated)
Efficiency	>94%	>91%
DC Power Handling Capacity	300W	250W
Mass & Volume	1050 -1250g *	7" x 3.15" x 3.75"
Compatible w/ Buses	28V, 35V, 50V, 70V & 100V	22V & 46V
Supports Spacecraft Manufacturers	Boeing, JPL/NASA, Lockheed Martin, Mitsubishi, Orbital Sciences, Space Systems/Loral, Thales Alenia Space	Ball Aerospace, General Dynamics, ISRO, JPL/NASA
Supports TWT Manufacturers	L-3 ETI, Thales	

* Depending on RF Power and Bus Voltage



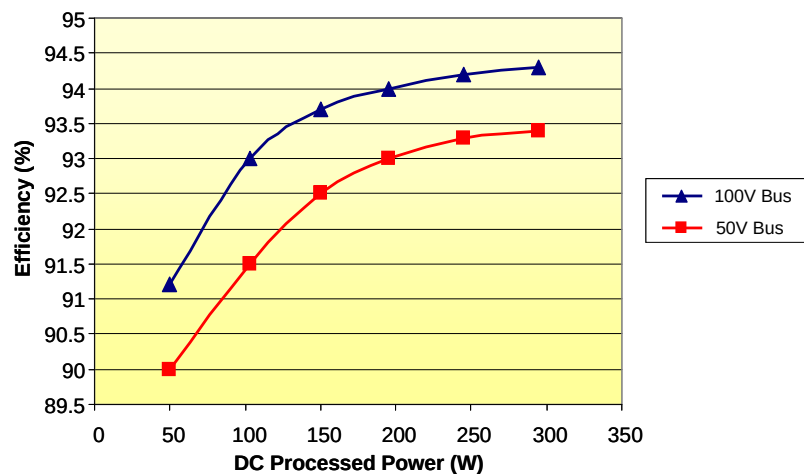
2000Hx
Regulated



2300Hx
Unregulated

Typical Application
TWT + EPC = TWTA

2000Hx EPC Efficiency vs. Processed DC Power



- Proven electrical and mechanical design heritage with over 900 units in orbit
- Provides regulated voltages for channel amplifier and linearizer
- Lightweight and ultra-compact design
- Compatible with all commercial bands and conduction- and radiation-cooled TWT configurations

Electron Technologies, Inc.

This technical data and software is considered as Technology Software Publicly Available (TSPA) as defined in Export Administration Regulations (EAR) Part 734.7 -11



communications