



TI5400 GPU Series

SPECIFICATIONS / Comparison Chart



MIL-STD Certification	TI5400 GPU	TI5400 400Hz GPU-24 GHMD	TI5400 400Hz GPU-24 UAV ACDC
Meets or exceeds MIL 810F / MIL 461 tests	X	X	X
Meets or exceeds Global Hawk aircraft system requirements	X	X	X
Performance Capabilities			
Input Requirements			
60Hz - runs/charges from 3-phase 208-240 VAC power	X	X	X
400Hz - runs/charges from 3-phase 115/200 VAC 60 amps		X	X
Power Output			
28.5 VDC 400 amps max. continuous power 446 amps for 1 hour (10,615 watt hrs) with 208-240 VAC power, 3-phase 46 amps for 1 hour (1,024 watt hrs) without 208-240 VAC power, 3-phase 1 hour constant power to 20.0 end VDC 3000 peak starting amps	X		
30.25 VDC 400 amps max. continuous power 446 amps for 1 hour (10,615 watt hrs) with 208-240 VAC power, 3-phase 46 amps for 1 hour (1,024 watt hrs) without 208-240 VAC power, 3-phase 1 hour constant power to 20.0 end VDC 3000 peak starting amps		X	X
1 kW AC inverter with 60Hz 120 VAC power outlet			X
10.8 KVA 30 Amp 208 Y 120 400 Hz. AC filter functions to purify "dirty" 400 Hz. power to produce "clean" power to test avionics and weapons systems. The system instantly detects and suppresses any surges or spikes, safeguarding delicate electronics.			X
Recharge rate - AC to DC	12 min.	12 min.	12 min.

Cross Platform Capabilities	TI5400 GPU	TI5400 400Hz GPU-24 GHMD	TI5400 400Hz GPU-24 UAV ACDC
Power or Start any vehicle/aircraft that utilizes a 24 volt system	X	X	X
Test delicate avionics and weapons systems			X
Provide reliable 60Hz ground power	X	X	X
Provide reliable 400Hz+ ground power † requires 400Hz input power		X	X
Standard Features			
Telescopic handle and foam-filled tires for portability	X	X	X
400Hz aircraft power cable			X
25' 28.5 V.D.C. aircraft cable with DC plug and connector	X	X	X
LED charge status meter	X	X	X
28 volt output DC output contactor	X	X	X
Powder coated, extruded aluminum casing. Lightweight, strong and corrosion resistant.	X	X	X
1,000 Watt AC uninterruptible pure sine wave inverter with convenient power outlet (60Hz 120V) to plug in laptops, test instruments, cell phone chargers, and other electronic devices.			X
2-year Limited Warranty	X	X	X
Advantages			
No hazmat or disposal issues	X	X	X
Water resistant	X	X	X
Maintenance-free design	X	X	X
Technology upgrades available	X	X	X
Maintenance-free lead dry-cell power	X	X	X
Infinite starts with back-charge from started engine (applies to track and wheeled vehicles)	X		

Options and Accessories	TI5400 GPU	TI5400 400Hz GPU-24 GHMD	TI5400 400Hz GPU-24 UAV ACDC
DC cables	x	x	x
Digital Volt Amp Meter	x	x	x
Rain/dust cover	x	x	x
Shipping/transporting/storage case	x	x	x
Transport trailer w/t-handle and brake	x	x	x
1,000 Watt AC inverter upgrade to 2,000 Watts			x
3-year Limited Warranty available	x	x	x
Tesla™ Cobra Connectors			
Aviation plugs	x	x	x
DC NATO Plugs – mechanized vehicle	x	x	x
Replaceable components for mechanized and aviation plugs	x	x	x
Connector Component insertion/extraction tools	x	x	x
Physical Dimensions			
Weight	251 lbs	267 lbs	290 lbs
Dimensions	50.23”L x 24.5”W x 16.28”H	50.23”L x 24.5”W x 21.25”H	50.23”L x 24.5”W x 22.28”H