

Hobart GPU-400 & GPU-600

GPU-400 and GPU-600 Solid State Ground Power Unit



The Hobart GPU-400 and GPU-600 Solid State ground power units provide precisely regulated 28.5 volt DC service with minimum noise.

These reliable solid state GPU's are equipped for engine starting in the current limiting "soft start" mode recommended by most airframe manufacturers.

Specifically developed in response to customer needs, the GPU-400 and GPU-600 supply the fully regulated, dependable power required by today's more demanding aircraft.

The GPU-400 delivers 400 amps continuous to 1600 amps peak for starting, The GPU-600 delivers 600 amps continuous to 2000 amps peak for starting.

Standard Features:

- Output DC voltage independent of $\pm 10\%$ input voltage variations
- Output current limit setting is adjustable over the range of 150 to 1600 amps for GPU-400; 300 to 2000 amps for GPU-600
- Output terminals safely located inside case
- Separate input and output contactors with status indication lights
- Convenience receptacle for lights, electric drill, or test instruments

For Trailer Mount:

- T-handle 3-wheel mounting with activated parking brake provides easy maneuverability and stable parking
- 20 feet of DC output cable

*HOBART is part of ITW GSE
- the world's leading supplier of Ground Support Equipment*

ITW GSE HOBART

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Specifications

GPU-400 & GPU-600

Performance

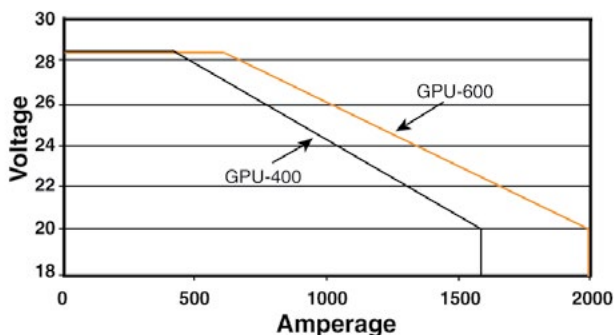
	GPU-400 Models			GPU-600 Models		
Supply voltage, 3 phase, reconnectable	220/380	208/230/460	230/460/575	220/380	208/230/460	230/460/575
Full load input current	56/32	56/52/26	52/26/22	82/47	86/78/39	79/39/32
Frequency	50Hz	60Hz	60Hz	50Hz	60Hz	60Hz
Nominal output voltage						
Standard	28.5	28.5	28.5	28.5	28.5	28.5
Optional	14.25	14.25	14.25	N/A	N/A	N/A
Output voltage regulation (at 100% continuous load and ±10% input line voltage variations)	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Amperes continuous	400	400	400	600	600	600
Amperes starting with current limiting control	150 to 1600	150 to 1600	150 to 1600	300 to 2000	300 to 2000	300 to 2000
Ripple below the limits of Mil Std-704F	Yes	Yes	Yes	Yes	Yes	Yes
Convenience receptacle	10A, 220V, 50Hz	10A, 115V, 60Hz	10A, 115V, 60Hz	10A, 220V, 50Hz	10A, 115V, 60Hz	10A, 115V, 60Hz

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Consult factory for available configurations.

Dimensions

Model	Length (Overall)	Width (Case)	Width (Overall)	Height (w/o cable tray)	Weight GPU 400 (dry)	Weight GPU 600 (dry)
Trailer Models	46.5" (118.1 cm)	24.1" (61.3 cm)	33" (83.8 cm)	33" (83.8 cm)	590 lbs. (267 kg)	670 lbs. (304 kg)
Stationary Models	34" (86.4 cm)	24.1" (61.3 cm)	24" (60.9 cm)	29.3" (74.5 cm)	535 lbs. (242 kg)	615 lbs. (279 kg)



ENVIRONMENTAL
 Relative Humidity: 10-95%
 Protection Class: NEMA 3
 Operating Temperature:
 -40° F to +113° F
 (-40° C to +45° C)

**SHIPPING CRATE DIMENSIONS
(ALL MODELS)**
 Length 52" (132.1 cm)
 Width 39" (99.1 cm)
 Height 46" (116.8 cm)
 Gross Weight 950 lbs.

Specifications are subject to change without prior notice



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