



Hobart Ground Power Unit

GPU-400 & GPU 600

Hobart Solid State ground power units provide precisely regulated 28.5 volt DC service with minimum noise. These reliable solid state GPUs 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 amperes continuous to 1600 amperes peak for starting, and is available with a 14.25 volt DC option. The GPU-600 delivers 600 amperes continuous to 2000 amperes 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 600 amperes for GPU-400; 300 to 2000 amperes for GPU-600
- Output terminals safely located inside case
- Separate input and output contactors with status indication lights
- Protective recessed control panel
- Convenience receptacle for lights, electric drill, or test instruments
- T-handle 3-wheel mounting with activated parking brake provides easy maneuverability and stable parking
- Laminated control panel overlay for long life of lettering
- 20 foot DC Cable

Hobart is an ISO9001 Certified Manufacturer

Options

- 14.25 volt kit (GPU-400 only)
- Cable Tray Kit
- Bridge Mounting IGt (GPU-600 only)

Dimensions

Portable Model

- Length (Overall): 46.5 inch
- Width (Case): 24 inch
- Width (overall): 33 inch
- Height (w/o cable tray): 33 inch
- Weight (Dry): 750 lbs

Stationary Model

- Length (Overall): 34 inch
- Width (Case): 24 inch
- Width (overall): 24 inch
- Height (w/o cable tray): 29 inch
- Weight (Dry): 700 lbs

Shipping Crate Dimensions

For all Models

- Length: 52 inch
- Width: 39 inch
- Height: 46 inch



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GPU-400 Models

	ST28400CL	6T28400CL	6T28400CL
• Supply voltage 3-phase, reconnectable	• 220/380	• 208/230/460	• 230/460/57
• Full load Input Current	• 56/32	• 56/52/26	• 52/26/22
• Frequency	• 50 Hz	• 60 Hz	• 60 Hz
• Nominal output voltage			
• Standard	• 28.5	• 28.5	• 28.5
• Optional	• 14.25	• 14.25	• 14.25
• Output voltage regulation (at 100 g%, continuous load and (at±10% input line voltage variations)	• ±.05%	• ±.05%	• ±.05%
• Amperes Continuous	• 400	• 400	• 400
• Amperes starting with current limiting control	• 150 to 1600	• 150 to 1600	• 150 to 1600
• Ripple below the limits of Mil-Std 704D	• yes	• yes	• yes
• Convenience Receptacle	• 10A, 220V 50HZ	• 10A, 115V 60HZ	• 10A, 115V 60HZ

GPU-600 Models

	ST28600CL	6T26400CL	6T28600CL
• Supply voltage 3-phase, reconnectable	• 220/380	• 208/230/460	• 230/460/57
• Full load Input Current	• 82/47	• 89/76/37	• 52/26/22
• Frequency	• 50 Hz	• 60 Hz	• 60 Hz
• Nominal output voltage			
• Standard	• 28.5	• 28.5	• 28.5
• Optional	• N/A	• N/A	• 14.25
• Output voltage regulation (at 100 g%, continuous load and (at±10% input line voltage variations)	• ±.05%	• ±.05%	• ±.05%
• Amperes Continuous	• 600	• 600	• 600
• Amperes starting with current limiting control	• 300 to 2000	• 300 to 2000	• 300 to 2000
• Ripple below the limits of Mil-Std 704D	• yes	• yes	• yes
• Convenience Receptacle	• 10A, 220V 50HZ	• 10A, 115V 60HZ	• 10A, 115V 60HZ