

# Hobart GPU-400 & GPU-600

## GPU-400 & 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 amperes continuous to 1600 amperes peak for starting. The GPU-600 delivers 600 A 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 1600 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
- Convenience receptacle for lights, electric drill, or test instruments
- T-handle 3-wheel mounting with activated parking brake provides easy manoeuvrability and stable parking
- DC output cable

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

**ITW  
GSE HOBART**

It's all about connections

# Specifications

## GPU-400 & GPU-600

ITW GSE ApS  
Smedebakken 31-33  
DK-5270 Odense N  
Denmark

web: [www.itwgse.com](http://www.itwgse.com)

### Performance

	GPU-400 Models			GPU-600 Models		
	DCS400S50380	DCS400S60208	DCS400T60575	DCS00S50380	DCS600S60208	DCS600T60575
Supply voltage, 3 phase, multi-tap +/- 10%	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 Optional	28.5 14.25	28.5 14.25	28.5 14.25	28.5 N/A	28.5 N/A	28.5 N/A
Output voltage regulation (at 100% continuous load and ±10% input line vol- tage 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 704D	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

### Dimensions

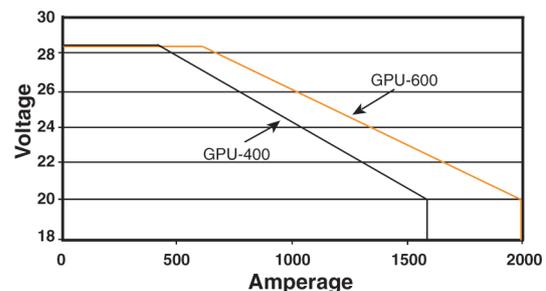
Model	Length (Overall)	Width (Case)	Width (Overall)	Height (w/o cable tray)	Weight 400 / 600 (dry)
Portable Models	118.1 cm	61.3 cm	83.8 cm	83.8 cm	267 / 304 kg
Fixed Models	86.4 cm	61.3 cm	60.9 cm	74.5 cm	242 / 279 kg

### Environmental

Relative Humidity 10-95%  
Protection Class NEMA 3  
Operating Temperature -40° C to + 45°C

### Shipping Crate Dimensions (all models)

Length 132cm  
Width 99 cm  
Height 117 cm  
Gross weight 435 kgs



Specifications subject to change without prior notice



It's all about connections