

SMART AND
FUTURISTIC
GSE



MAK 28V DC STATIC GROUND POWER UNIT

28VSGPU600

- MAK 28VSGPU600 Solid state GPU supplies 28V DC with minimal noise.
- "Soft start" mode available for engine starts.
- The 28VSGPU600 delivers 600 amps continuous to 2000 amps peak for starting.

Salient Features:

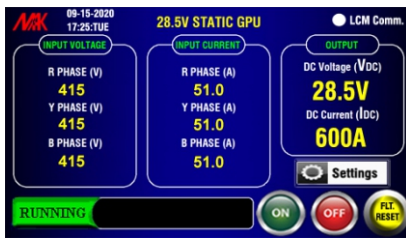
- ▶ Meets MIL, AHM & ARP standards
- ▶ Output DC voltage independent of 10% input voltage variations
- ▶ Output current limit setting is adjustable over the range of 200 to 2000 amps.



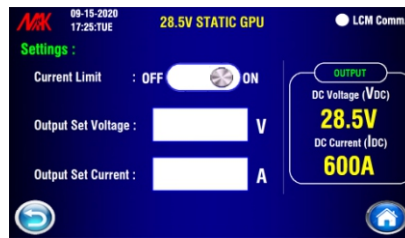
- ▶ Digital control system with touchscreen panel
- ▶ Separate input and output contactors with status indication lights
- ▶ Convenience receptacle for lights, electric drill, or test instruments
- ▶ T-handle 3-wheel mounting with activated parking brake provides easy maneuverability and stable parking

MAK 28V DC STATIC GROUND POWER UNIT

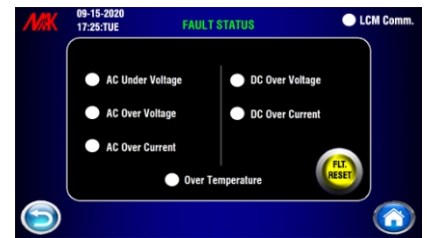
HOME PAGE SCREEN



SETTINGS SCREENS



FAULT STATUS SCREEN



SPECIFICATION

Input Supply voltage	420	460
Full load input current	45A	40A
Frequency	50Hz	60Hz
Nominal output voltage	28.5V	28.5V
Output voltage regulation (at 100% continuous load)	±0.5%	±0.5%
Amperes continuous	600A	600A
Amperes starting with current limiting control	200 to 2000	200 to 2000
Ripple Amplitude	≤ 1.5V	≤ 1.5V
Convenience receptacle	10A, 220V, 50Hz	10A, 115V, 60Hz
Dimension		
Length	1442.5mm	1442.5mm
Width	820mm	820mm
Height	1302mm	1302mm
Weight	485±15 kgs	485±15 kgs



MONITORING

Following parameters are displayed through GUI touch screen on a graphical format for quick understanding

- Input Voltage
- Input Current
- Output voltage
- Output Current

OPERATIONAL PROTECTIONS

A. For Input

- Under Voltage Trip
- Over Voltage Trip
- Over Current Trip

B. For Output

- Under voltage trip
- Over voltage trip
- Over load trip
- Short Circute
- Over temperature

* Other voltages and frequencies available on request | * Other Electronic Overload limits available on request



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