



ARES FIRE AND
SAFETY SYSTEMS LLC

POWER SYSTEMS

POWER DISTRIBUTION UNITS

Power distribution units can automatically distribute AC and DC power provided from 2-10 different sources to 50 different units.

On PDU system with 2 digital screens, it provides the information such as operation hour, battery charge status, power selection to the user.

Power Distribution Units can be specially designed, produced, tested according to requested needs, dimensions and capacities by ARESFSS.

It can automatically distribute AC and DC power to 50 different units.

On the unit where there are separate fuses for each unit whose power requirement is supplied, it is ensured that power of other units is not cut even if a unit blows the fuse.

Power Distribution Units are military products which have successfully passed high temperature, low temperature, high humidity, shock-vibration and EMI/EMC tests as per MIL STD 810H, MIL STD 461F and MIL STD 1275E standards.



GDU336 POWER DISTRIBUTION UNIT

GENERAL SPECIFICATIONS

- Information Screen
- PSU On / Off Switch and Led
- Active Section Selection Switch and Leds
- Generator Operating/Stop Button
- Emergency Stop Button
- Emergency Stop LED Indicator
- Alarm Reset Button
- Generator LED Indicator
- PTO Alternator LED Indicator
- Panel Test Button
- Operation Hour Indicator
- System Battery Led Indicator (Green)
- Vehicle Battery Led Indicator (Green)
- Vehicle Battery Charge Status Led Indicator (Red)
- System Battery Charge Status Led Indicator (Red)
- BIT Status Inquiry Button
- On/Off Buttons (In number of Sub-systems)
- On/Off All Button are present.



TECHNICAL SPECIFICATIONS

COMMUNICATION INFRASTRUCTURE	RS422, RS485, CANBUS
DIMENSION (LXWXH)	430x117x260 mm
WEIGHT	5 KG
OPERATING TEMPERATURE	-32 / +55°C
STORAGE TEMPERATURE	-40 / +60°C

STANDARDS

MIL-C-38999	Military Connector
MIL-DTL-27500	Special Purpose, Electrical Shielded and Unshielded Cables
MIL-STD-461E	Military Electromagnetic Compatibility
MIL-STD-810G	Military Environmental Conditions
MIL-STD-1275E	28 VDC Counter Characteristic
STANAG 4135AC	AC Current Characteristic