

881-01A

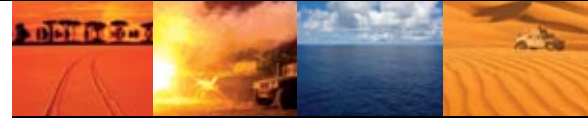
1000 W / 1250 VA DUAL INPUT UPS



The 881-01A uninterruptible power supply offers go-anywhere, clean backup power for mission-critical systems. Paired with either AC power or DC power, the 881-01A provides unwavering power.

For demanding ground mobile applications, the 881-01A has been designed and tested to mount in any orientation, on practically any ground mobile vehicle, and interfaces to most communication or signaling protocols. The 881-01A is tested for electromagnetic interference (EMI) and electromagnetic compatibility, vibration, and environmental requirements to ensure it stands up in the harshest applications. The 881-01A has also been specifically designed and tested to offer low heat, low noise, and low EMI dissipation for densely packed installations

Our designs specifically address common vehicle installation issues, such as extreme energy spikes and transients. In fact, our systems compensate for any wide-voltage and frequency-input-extreme situations commonly encountered around the world.



ENEMIES DEFEATED:

SHOCK

Rugged design and construction makes the system ideal for any military vehicle use.

VULNERABILITY

A reliable source of clean, uninterrupted backup power for mobile applications.

MOBILITY

Can be operated using either alternating current or direct current power sources.

MORE

Check out the product specs on the reverse for more info on the 881-01A.



Working together
we'll get it done



Highlights

- Dual AC or DC input power
- Line-replaceable units are replaceable while in MOPP 4 gear in a nuclear-, biological-, or chemical-contaminated environment
- Fully operational following a “near strike lightning” environment
- Designed to operate in harsh environments
- Universal input AC power
- Hot-swap internal battery tray provides 10 minutes of backup power. Optional external battery provides extended run time
- Various communication options available
- Form-fit replacement for current CHS-3 V2-compliant uninterruptible power supply (UPS) system

DRS PIVOTAL POWER
150 Bluewater Road
Bedford, Nova Scotia, Canada B4B 1G9

902.835.7268
Fax 902.835.6026
defense@pivotalpower.com
www.drs.com



Input

AC input voltage	80-265 VAC, single-phase
Frequency	45-66 Hz
DC input voltage	22-32 VDC, MIL-STD-1275B
AC efficiency	> 80% at rated resistive load
DC efficiency	> 80% at rated resistive load

Output

AC output voltage	115 VAC, single-phase, 60 Hz
AC power rating	1000 W (1250 VA at 0.8 power factor)

Environmental

Operating temperature	-18°C to 52°C / 0°F to 125°F
Without battery	-28°C to 50°C / -18°F to 122°F
Storage temperature	-32°C to 66°C / -25°F to 150°F
Electromagnetic interference / electromagnetic compatibility	MIL-STD-461E; CE102, CS101, CS114, CS115, CS116, RE102 & RS103
Vibration	MIL-STD-810, operates on the move in wheeled or tracked vehicles using the appropriate installation kit
Shock	MIL-STD-810, air drop, transit drop
High-altitude electromagnetic pulse	MIL-STD-2169B

Batteries

Batteries	valve regulated sealed lead acid
Backup time	10 minutes
Battery charge time	85% in four hours

Physical

Dimensions (L x W x H)	40.6 cm x 40.6 cm x 15.2 cm / 16 inches x 16 inches x 6.0 inches
Weight	29.5 kg / 65 lbs. (max, including batteries)

Specifications subject to change without notice.