

Overview



ReServ1
(order batteries separately)

ReServ1 Video Surveillance UPS is designed to simultaneously provide power for 24VAC and 12VDC cameras during normal or power outage conditions. True sine wave regulated AC outputs and regulated DC outputs.



Specifications

Input:

- 115VAC 60 Hz, 3.5 amps.

Output:

- 16 individually PTC protected outputs configured as follows:
 - Twelve (12) outputs @ 24VAC.
 - Four (4) outputs @ 12VDC.
- Total supply current:
 - 24VAC @ 4 amp (0.16 amp per device, 1 amp max.).
 - and 12VDC @ 2 amp (0.5 amp per device, 1 amp max.). (Amb. Temp. -33° - 30° C).
 - 24VAC @ 3.5 amp (0.16 amp per device, 1 amp max.).
 - and 12VDC @ 2 amp (0.5 amp per device, 1 amp max.). (Amb. Temp. -33° - 42° C).
- PTC protected power-limited outputs are rated @ 1 amp.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switchover to stand-by battery when AC fails.

Stand-by Batteries	4 amp (100VA) load at 24VAC and 2 amp load at 12VDC max.
Two (2) 12VDC/7AH	45 minutes
Two (2) 12VDC/12AH	90 minutes

Supervision:

- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).

Electrical:

- Operating temperature: 0° C to 49° C ambient.
- 45 BTU/Hr.
- System AC input VA requirement: 402.5VA.

Mechanical:

- NEMA1 enclosure.
- Enclosure Dimensions (H x W x D approx.): 13.5” (342.9mm) x 13” (330.2mm) x 3.25” (82.55mm)
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Product weight (approx.): 10.36 lbs. (4.7 kg.).
- Shipping weight (approx.): 11.26 lbs. (5.11 kg.).

Features:

- AC/DC power LED indicators.
- Sixteen (16) power output LED indicators.
- Low voltage input and Shutdown LED indicators.
- True sine wave regulated AC outputs and regulated DC outputs.
- Audible alarm provides notification of UPS trouble conditions.
- Unit maintains camera synchronization.
- Ease of installation saves time and eliminates costly labor.

Agency Approvals



UL/CUL Listed for Information Technology Equipment (UL 60950-1).



European Conformity

Enclosure Dimensions (H x W x D) (approximate):

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