

# LinkUPS Outdoor Power System

## LSM Series



LinkUPS™ by Ventev makes remote monitoring reliable while delivering the critical information you demand. Avoid the cost of not having critical information and the inability to control catastrophic situations.

LinkUPS outdoor power solutions are secure

enclosures ensuring reliable and uninterrupted DC Power. Our Plug & Play solutions are pre-engineered for harsh environments with rustproof enclosures that are configured to make system selection simple and deployments fast.

### Enclosure System

- Weatherproof/ruggedized aluminum enclosure
- Radio & RTU-ready housing
- Easy equipment installation and mounting
- Secure, pad-lockable doors

### Power System

- Ruggedized Power Supply supporting up to 100W
- Always-on, uninterruptible system design
- Clean/reliable DC power

### Batteries

- Outdoor-rated, deep gel cell batteries for harsh environments
- Wide temperature range for long life

### Output Options

- 12 or 24 VDC output
- 48 VDC PoE output

### Simple

- An engineered, pre-configured solution that maximizes flexibility to incorporate your equipment into the enclosure
- Best practice design incorporating backup battery capability
- Smart, worry-free design tells you if there is a problem

### Fast

- Available from stock, the LinkUPS solution makes system selection and deployments fast
- Utilizing standard DIN rail, these Plug & Play systems make your equipment installation just one click away from completion

### Reliable

- Environmentally hardened components for harsh environments
- NEMA 4X corrosion resistant enclosure

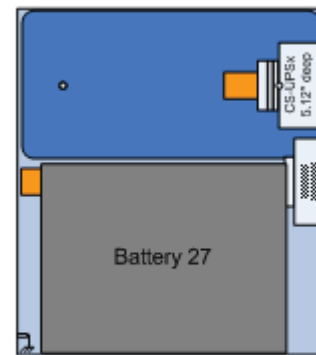
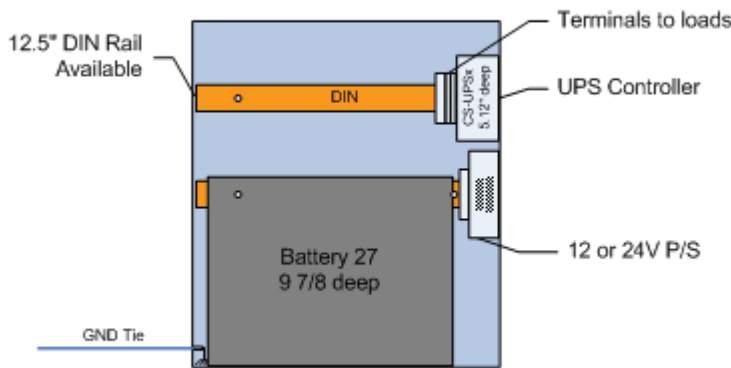
### Application List

- Remote Monitoring & Control
- AMI/Smartgrid
- Railroad Communication & Signaling
- Broadband
- Security & Surveillance

### Plug & Play Hardware Accessories

- Battery Test Remote Monitor for local and remote status monitoring
- One-click Power over Ethernet (PoE) Kits
- Snap-in shelves, DIN rail brackets, and aluminum backplates for additional equipment

Small Standard LinkUPS box 18"Hx16"Wx12"D



Optional Aluminum Backplate

Batteries shown for illustration purposes only. Actual battery configuration depends on model.

| Product Dimensions   | Height                        | Width | Depth |
|----------------------|-------------------------------|-------|-------|
| Enclosure External   | 18"                           | 16"   | 12"   |
| Customer Equip. Area | 12" Din OR 10.5" x 7.7" Plate |       |       |

| Battery Runtimes |          |          |
|------------------|----------|----------|
|                  | 12V-100W | 24V-100W |
| Full Load        | 9.4 hrs  | 7 hrs    |

| ELECTRICAL               |  |   |
|--------------------------|--|---|
|                          | 24V Model #LMC-24-30   | 12V Model #LMC-12-30  |
| Battery and Load Voltage | 28 - 26V   | 15 - 10V  |
| Battery Charging Current | Selectable 2 - 4A  | Selectable 2 - 4A   |
| Maximum Load Current     | 15A Less Charge Current  | 15A Less Charge Current   |
| Input Power              | 90-264VAC, 47-63Hz<br>100-370VDC   | 90-264VAC, 47-63Hz<br>100-370VDC  |
| Protections              | Over Voltage<br>Over Current<br>Short Circuit<br>Fused input and battery<br>Reverse Battery<br>Low Voltage Disconnect ( $\leq 18V$ ) | Over Voltage<br>Over Current<br>Short Circuit<br>Fused input and battery<br>Reverse Battery<br>Low Voltage Disconnect ( $\leq 9.2V$ ) |
| Alarm                    | Power fail alarm: SPDT contacts<br>1A@30VDC  | Power fail alarm: voltage level<br>1A@30VDC   |
| LED Indicators           | AC Power Available<br>Load Power Available<br>Alarm Condition  | AC Power Available<br>Load Power Available<br>Alarm Condition   |
| Operating Environment    | -10 to 50°C<br>10-95% Relative Humidity<br>(non-condensing)  | -10 to 50°C<br>10-95% Relative Humidity<br>(non-condensing)   |

**LinkUPS Plug & Play Options and Accessories (compatibility differs per model selected)**

The LinkUPS Plug & Play design allows you to select additional optional equipment to enhance the capabilities of the backup battery system or add hardware accessories to make it more universal.

**EQUIPMENT OPTIONS LIST**

- Battery Test Remote Monitor
- 200W Field upgrade Kit (LLG Series)
- Power over Ethernet Kit
- Ethernet Switch
- Cellular Modems
- 120VAC Inverter
- DC-DC Converter

**HARDWARE ACCESSORY LIST**

- Full Size or Mini Shelves
- Backplate
- Antennas – all frequencies
- Lightning Arrestor
- Radio Bracket
- Pole Mount
- Door Switches and Lights

Check out [Ventev.com](http://Ventev.com) for options and accessory datasheets.

Where to Buy: Ventev LinkUPS Outdoor UPS Systems are exclusively available from TESCO Technologies. Please visit [www.tesco.com/go/backup](http://www.tesco.com/go/backup) or call 800.472.7373.