

# State-of-the-Art Lithium-Ion UPS Battery Backup for Super Bowl 52 Mobile UPS Trailer Fleet Program



Eaton UPS Backup System 1200 kW Mobile Rental Trailer on the way to Super Bowl



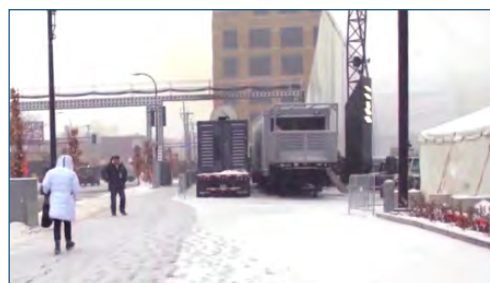
- ◆ Super Bowl LII (52)
- ◆ Minneapolis, Minnesota
- ◆ 1200kW UPS Backup Trailer
- ◆ February 2018
- ◆ National Broadcast
- ◆ Redundant Critical Loads



Global Power Supply, LLC., a privately held leader in integrated power solutions, is pleased to announce that it has expanded our mobile UPS trailer fleet with two custom constructed, 1200 kW high powered lithium-ion UPS backup battery mobile trailers.

Nicknamed "Hercules", GPS's leading-edge technology rental trailer will be on site at Super Bowl LII (52) in Minneapolis, Minnesota February

2018 in support of an epic 10-day fan festival featuring live concerts, a national broadcast, and entertainment over a six-block area in downtown Minneapolis.



On Site in Minneapolis

*"This provides our customers with a product vision going forward for their own operations."*

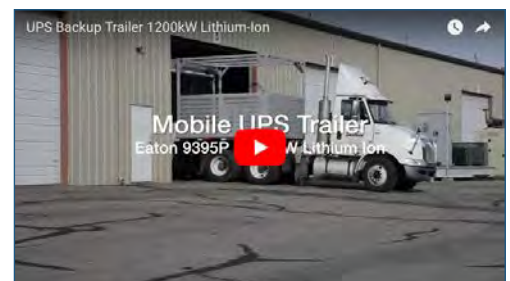
Air Power Consultants Owner, Marty Bosch

Partnering with Air Power Consultants, the newly developed 58' weatherproof trailer has been outfitted with utility input, critical load output, and generator input in tough stainless-steel cases all with female cam-lock setups



capable of six conductors per phase plus ground. Both inputs are pre-wired to a 2000 Amp Eaton 3-pole open transition automatic transfer switch located inside the trailer.

The Eaton switch is integrated with a main input breaker, UPS input breaker, key switched maintenance bypass breaker, maintenance isolation breaker, and critical load output breaker.



Video Tour at <https://www.globalpwr.com/hercules>



Interior UPS, Battery Cabinets and Switchgear

The trailer is equipped with an Eaton Power Xpert 9395p 1200 kW UPS consisting of four 300 kVA UPM (power modules) enabling 1200 kW capacity or 900 kW N+1, or 600 kW N+2. This Eaton is configured to support communications packages; dry contact, web snmp, mod-bus tcp/ip, paralleling support, and installed Eaton Predict Plus remote monitoring.



Camlock Utility Inputs

The system uses the latest Liion lithium-ion batteries in six battery cabinets providing an estimated runtime of five minutes at full load. The cabinets are fully integrated with independent processors for monitoring the condition of the batteries. Four 5-ton Marvair Scholar air conditioning systems provide low noise and high efficiency precision cooling and redundancy at full load.

In addition, these trailers have the capability of being paralleled for 2400 kW capacity or N+1 Redundancy at 1200 kW.

"The trailer was designed from the onset to be a state of the art product with the Eaton 9395P UPS and the Liion Lithium Battery System. This provides our customers with a product vision going forward for their own operations" said Air Power Consultants Owner, Marty Bosch.

Designed to support critical infrastructure facilities during facility upgrades, disaster recovery, or off-grid events like the Super Bowl. This system allows facilities to maintain business continuity during these highly critical but temporary power events.

### UPS Trailer "Hercules"

1200 kW / kVA Rating

Eaton UPS Model 9395P

Voltage: 480VAC/480VAC

100 % Conditioned, Perfect Sine-Wave

LiION Lithium Stored Energy System

5 Minutes of Runtime at Full Load

6 Prewired Cabinets with Monitoring

Marvair Air Conditioning Systems

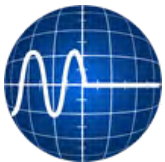
PredictPulse Cloud-Based Monitoring

ATS 2000A 480/277

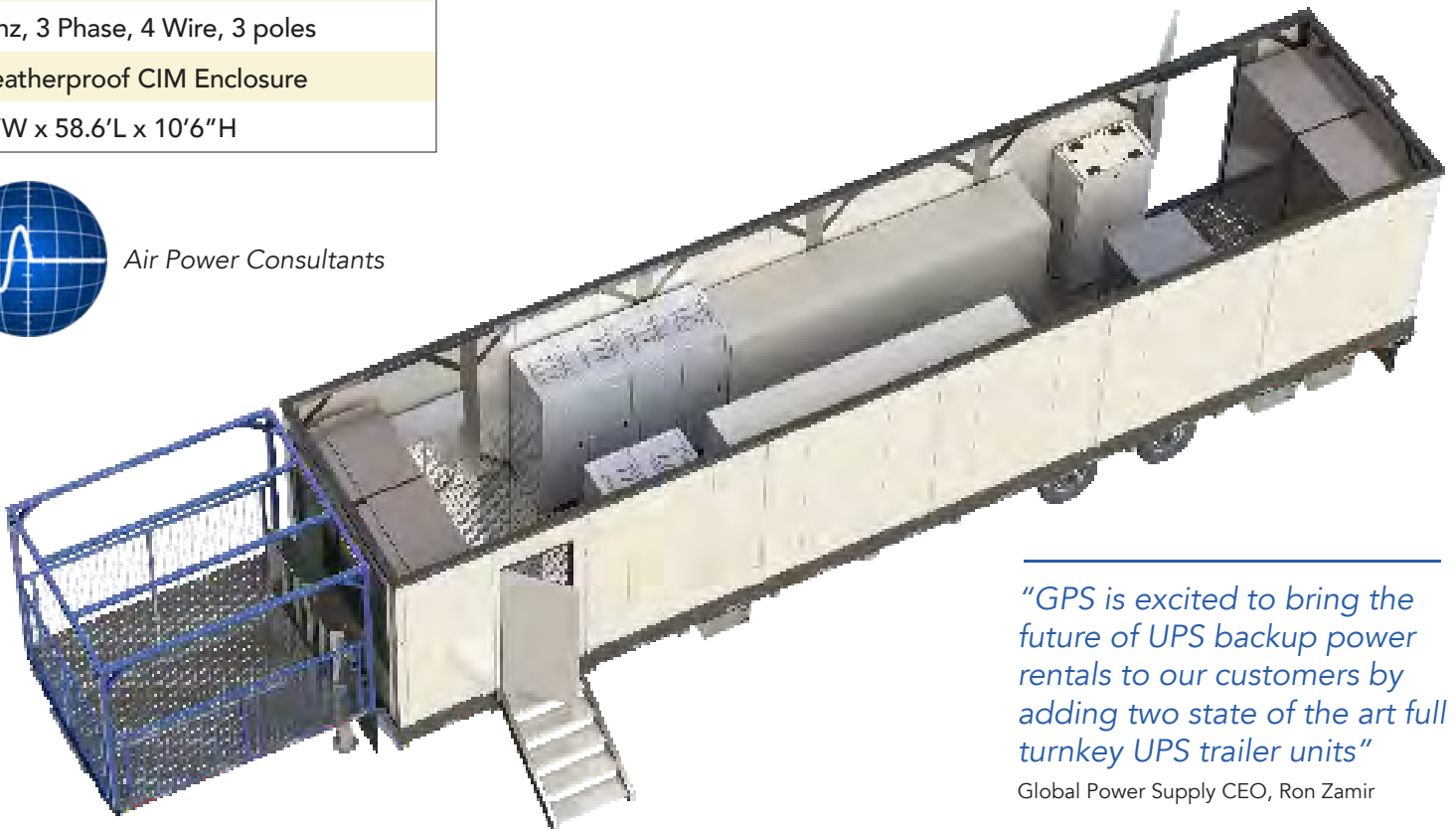
60hz, 3 Phase, 4 Wire, 3 poles

Weatherproof CIM Enclosure

10'W x 58.6'L x 10'6"H



Air Power Consultants



"GPS is excited to bring the future of UPS backup power rentals to our customers by adding two state of the art full turnkey UPS trailer units"

Global Power Supply CEO, Ron Zamir