

GRID-TIED BATTERY BACKUP

➤ BEIRUT, LEBANON



“TROJAN’S HIGH-QUALITY, U.S.-MADE VRLA BATTERIES HAVE A PROVEN TRACK RECORD OF PROVIDING EXCEPTIONAL RELIABILITY, EXTENDED LIFETIME, AND GREATER LONG-TERM PERFORMANCE THAN THE COMPETITION, MAKING THEM THE IDEAL CHOICE FOR BATTERY BACKUP FOR MTC TOUCH TELECOMMUNICATIONS LOCATIONS.”

MAHMOUD AWAD ➤ POWERTECH

➤ LOCATION	➤ CHALLENGE	➤ SOLUTION	➤ OUTCOME
Beirut, Lebanon	To provide an extended-duration, battery-powered backup system for MTC Touch—Lebanon’s largest telecom, mobile provider.	80 Trojan deep-cycle 22-AGM batteries in a racking system serve as a standby emergency backup power source.	A reliable, on-demand backup power source to support the needs of the MTC Touch telecommunications network.



80 22-AGM BATTERIES

80% OF COUNTRY’S POPULATION SERVED BY MTC TOUCH

0 DOWNTIME

LOCATION

MTC Touch is headquartered in Beirut and is Lebanon's largest telecom and mobile provider serving an estimated 80 percent of the country's population.

CHALLENGE

MTC Touch sought a reliable foundation of telecommunications equipment and power to ensure their system operates with no downtime—a challenge in a region prone to frequent power outages. To achieve this, MTC Touch required a backup system that provided an extended duration of backup power to guarantee uninterrupted operation of its data center – a must if the diesel genset system failed to start.

SOLUTION

Two UPS 60kVA units for telecom backup with 80 Trojan deep-cycle 22-AGM batteries in a racking system are used as a standby emergency power source. Trojan's 22-AGM battery is designed to power critical data networks, high-speed data transmission, and wireless communication systems in the event of unexpected power outages, common in regions with an unstable grid.

SYSTEM SPECIFICATIONS

- Batteries: (80) Trojan 22-AGM* deep-cycle VRLA batteries
- UPS System: (2) 60kVA UPS units with (40) Trojan 22-AGM batteries per unit
- Battery Bank Voltage: 480V
- Inverter: GE Digital Energy
- Equipment Supported: Telecom data center equipment
- System Integrator: PowerTech

**The 22-AGM is no longer available, please refer to the Renewable Energy Brochure for comparable battery.*

OUTCOME

Trojan's deep-cycle batteries have proven to be the most reliable solution to power a wide range of telecommunications data centers, ensuring reliable wireless communication service to customers in diverse regions around the world. The Trojan 22-AGM battery's unique configuration enables MTC Touch to provide secure, consistent, and sustainable service to customers throughout the country.

BATTERY SOLUTION



- Outstanding Performance
- Exceptional Quality
- Maximum Total Energy Output



PARTNER



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Trojan Battery Company / 10375 Slusher Drive, Santa Fe Springs, CA 90670, USA
Email / marketing@trojanbattery.com

Trojan batteries are available worldwide and backed by outstanding technical support provided by full-time application engineers.

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 **TROJAN**
BATTERY COMPANY

800.423.6569 +1.562.236.3000

TROJANBATTERY.COM