



Purpose-Built Solar Power for Work Trucks & Mobile Equipment.
Keep Your Fleet Powered. Reduce Downtime. Extend Battery Life.



EPEQ® Solar Assist™ is a patented mobile solar solution engineered specifically for work trucks, fleets, and OEM equipment. Unlike traditional solar systems adapted for vehicles, EPEQ® Solar Assist™ is designed from the ground up to support real-world work truck electrical demands.

KEY BENEFITS

- Reduces battery failures & jump starts
- Offsets parasitic electrical loads while vehicles are parked
- Extends battery, alternator & starter life
- Provides clean, renewable power without idling
- Improves fleet uptime & productivity
- Engineered specifically for work truck applications



The Hidden Cost of Parasitic Power Draw

Modern work trucks never truly turn off. Even when parked, systems continue drawing power:



GPS &
telematics devices



ECM &
BMS controllers



Security cameras &
monitoring systems



Smart sensors &
TPMS systems



Keyless entry &
onboard electronics

These continuous loads can lead to:

Dead batteries & replacement | Service calls | Unexpected downtime | Alternator & starter wear



ADVANCED SOLAR TECHNOLOGY BUILT DIFFERENT

- Lightweight & durable
- 80% lighter than traditional glass solar panels
- Flexible, frameless, all-polymer construction
- No glass to crack or break



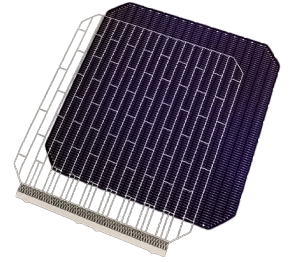
GREATER ENERGY PRODUCTION

- Patented mesh-grid technology captures sunlight from more angles
- Produces energy earlier in the morning and later in the day
- Up to 20% more real-world energy production



PROVEN RELIABILITY

- 2,100+ independent grid connections
- 180+ redundant interconnects
- 50× more durable than conventional busbar solar panels
- Tested to withstand winds exceeding 150 MPH



MPPT TECHNOLOGY = MAXIMUM ENERGY HARVEST

Every system includes an advanced Maximum Power Point Tracking (MPPT) controller.

- Up to 45% more usable energy than PWM technology
- Better performance in low-light & cloudy conditions
- Enhanced charging throughout the day
- Improved battery maintenance & health

Battery Life Extension:

- Typical battery life without solar: ~18 months
- Typical battery life with EPEQ® Solar Assist™: 3–4 years

Electrical System Health:

- Maintains battery voltage above 13.2V
- Reduces jump starts & roadside service events
- Significantly lowers alternator replacement rates
- Reduces starter wear & replacement frequency



PRODUCT OPTIONS

EPEQ® Solar Assist™ 55W Kit — Part: 289473

- Ideal for:
 - Single 12V battery maintenance
 - Small equipment
 - Limited mounting space
 - Telematics & sensor loads

Specifications

- Daily output: ~330Wh
- Typical ROI: ~15 months*
- Installation time: ~1 hour
- Panel dimensions: 30 x 16 x 1/8 in.

EPEQ® Solar Assist™ 110W Kit — Part: 289474

- Ideal for:
 - Multiple battery systems
 - Liftgate applications
 - Auxiliary power demands
 - Idle mitigation programs

Specifications

- Daily output: ~660Wh
- Typical ROI: ~15 months*
- Installation time: ~2 hours
- Panel dimensions: 34 x 31 x 1/8 in.

* Projected ROI is contingent upon vehicle utilization and operating conditions.

EPEQ® SOLAR ASSIST™ | Power That Moves With You™

Reduce downtime. Extend battery life. Improve fleet reliability. >>>

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