

REX
ENERGY



**LEADERS IN
RENEWABLE ENERGY & EV CHARGING
INTEGRATION FOR MULTI-TENANT
PROPERTIES**



The X1 from REX Energy represents the pinnacle of global MEMMS (Microgrid Energy Management and Monitoring System) technology. This system facilitates the implementation of large-scale renewable energy resources in multi-tenant communities and properties, providing up to a full 24hrs worth of renewable energy. At last, a sustainable energy solution is available for commercial, retail, residential, retirement, and industrial communities.

The REX Energy X1-MEMMS boasts an infinite renewable energy input capacity and can be linked to as many as 108 single-phase units or 36 three-phase units each, with the ability to incorporate an unlimited number of X1-MEMMS into a property for boundless scalability. The system accepts one single-phase AC control input and a three-phase control input. REX Energy tailors each X1-MEMMS system to meet the specific needs of your property, ensuring the maximum proportion of on-site generated and stored renewable energy is supplied to tenants at a cost lower than traditional grid rates. Additionally, REX Energy oversees and maintains all renewable energy assets for a twenty-year period.

- **Real-time renewable energy delivery**
- **Real-time battery inverter and battery control**
- **Export mitigation systems**
- **Asset performance monitoring**
- **Access to real-time tenancy energy data**
- **Auto-update to firmware**



Solar system is designed to produce enough energy to cover 24-hours of energy usage onsite.



Battery is sized to absorb over-produced energy during the day to cover the average total site energy usage required during the evening hours.



Grid energy is backup to site produced large-scale renewable energy and battery.

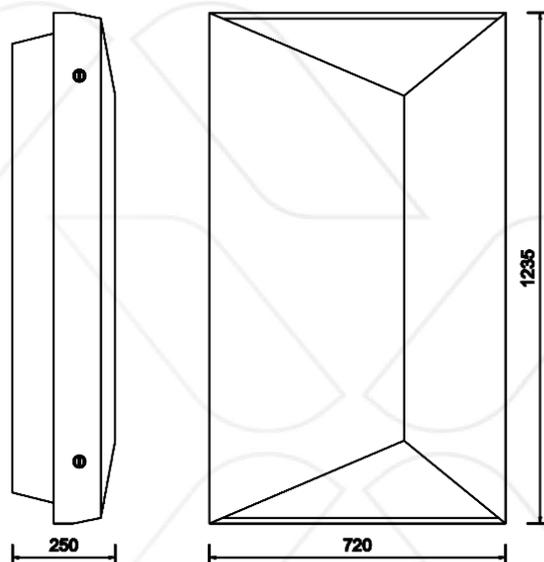


- NABERS Performance rating - Use the X1 sub-metering data to monitor and track energy usage, identify areas where energy savings can be achieved, and measure the success of energy efficiency initiatives.
- Tenant App
- Managed and maintained renewable energy assets
- Low cost energy cost
- Decarbonised energy
- Security from the nations volatile energy retail rates

REX Energy Multi-tenant Renewable Energy Ecosystem



GENERAL SPECIFICATIONS



Dimensions	1235mm H x 720mm W x 250mm D
Weight	30 kgs
Max number of single-phase connections per unit	108
Max number of three-phase units	36
IP rating	IP54
Operating temperature	-20 to 60 Deg C
Metering accuracy	Class 1
Construction	4.5mm Black ABS

An unlimited number of X units can be added to a property to expand quantity of tenancies

- Reduce reliance on grid energy significantly.
- Cut down on onsite electricity costs.
- Decarbonise energy supply 24/7 and provide real-time carbon savings report.
- Offer real-time metering data on renewable energy assets in a dashboard format for each building, including real-time metering for each load grouping.
- Allow for automated non-essential load shedding onsite when power grid loses power.
- Facilitate islanding of site from energy grid to operate the site electrically when the power grid loses energy.
- Allocate renewable energy consumption to batteries, EV charging, and individual tenants or buildings instead of exporting it to the power grid.
- Integrate 22,000 cycle (30-50year lifespan) 20-year battery cell warranty energy storage systems onsite for renewable energy during evenings.
- Monitor electrical and renewable assets for abnormalities and immediately notify/deploy maintenance teams to rectify any issues.
- Deliver remote software and compliance updates to equipment, saving onsite update costs and ensuring compliance with regulations.
- Establishes a global dashboard for multiple sites
- Can provide breakout of energy usage (Lighting, air conditioning, cooking, general energy usage, etc)

