

Add smart, reliable power to remote installations



Increased access to solar power means less reliance on grid power and more opportunities to reduce energy costs and environmental impact.

Perfect for:

Remote sites in telco, mining and forestry; also residential and leisure applications.

Power inverters often lack dynamic, flexible battery charging options. This leaves customers in remote areas with unreliable grid power struggling to find a solution that meets their needs dependably and efficiently.

Hybrid solar power inverter chargers have a hybrid charging system that can draw from utility power, solar power or both sources in parallel. All four models use priority source selection to alternate between utility and photovoltaic (PV) solar power when charging, and utility and battery when powering a 230V load, depending on what is optimal at that time. They power off-grid or limited-grid installations in a way that makes sense for both budget and performance.

Key benefits

SMART OPERATION

- Priority source selection enables inverter to automatically switch between utility, solar, battery and hybrid power and charging modes based on what is optimal under current conditions.
- Built-in maximum power point tracking (MPPT) solar charge controller provides smart voltage for efficient charging.
- Dry contact switch automatically starts a user-connected generator for off-grid charging.

ROBUST POWER

- Peak surge output protection ensures consistent operation, even with power-hungry equipment.
- Up to nine 48V models can be installed in parallel configuration for added capacity in single- and three-phase applications.
- Pure sine wave power has less electrical noise and static for a clean signal that won't damage equipment.

REGULATORY COMPLIANCE

- CE and UKCA certified inverters meet safety and emissions standards.

APPLICATION COMPATIBILITY

- Models offer 2000-5500W output options and are compatible with PV solar, 24V or 48V DC and 230V utility power.
- Models mount vertically to walls for space-saving convenience.

CONVENIENT MANAGEMENT

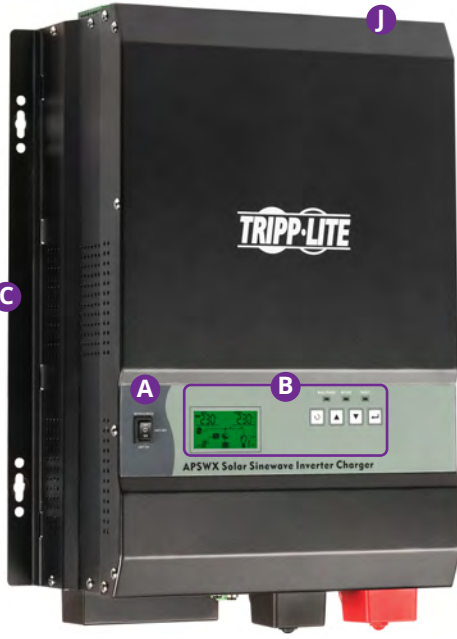
- Control panel with LCD provides real-time readout of all system functions and robust configuration options.
- Wired remote control (APSWX2K24VMPPT and APSWX3K24VMPPT only) lets operators control inverters from a more convenient location.

ENHANCED SAFETY

- Fault protection modes (overload, over-temperature, short circuit, battery low voltage) provide increased operational safety.
- Audible alarm and LED lights provide clear indication of improper operation.

Feature focus

- A On/off switch**
offers one-touch power control.
- B Control panel**
with LCD display, function keys and color-coded LED indicators makes operation intuitive.
- C Mounting brackets**
with keyhole slots secure the inverter to a wall in vertical orientation.
- D AC output:**
x2 C13 (APSWX2K24VMPPT) or x1 C19 (APSWX3K24VMPPT); hardwire on all models.
- E Circuit breakers**
protect the unit from damage.
- F DC input terminals**
recharge a user-supplied 24V or 48V DC battery.
- G Auto generator start**
detects low capacity on a connected battery and automatically starts up the unit to recharge (optional).
- H Remote control port (24V models only)**
connects the included wired control with a 10 m cable for remote On/Off control and status information.
- I Photovoltaic (PV) solar and AC inputs**
recharge a connected battery; 48V models also offer solar-to-AC power to a connected load.

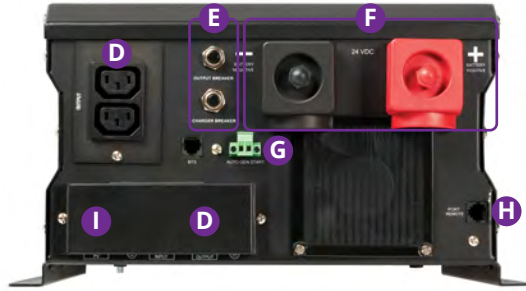


24V models



48V models

FRONT VIEW



BOTTOM VIEW 24V models*



BOTTOM VIEW 48V models

J Dry contact relay outputs (24V models only)

close when there is UPS fault, overload, AC fault or battery low voltage for increased operational safety.



K Parallel ports (48V models only)

allow up to nine APSWX units to be installed in parallel configuration for added capacity.

* APSWX2K24VMPPT shown. APSWX3K24VMPPT has a C19 outlet but is otherwise identical.

SPECIFICATIONS



Model	Output Rating (Continuous/Peak)	Nominal AC Input/Output Voltage	Frequency	Output Connections	Nominal DC Voltage	Inverter Recharging Methods	Remote Control	Transfer Time (AC to Battery)	Unit Dimensions (H x W x D)	Unit Weight
APSWX2K24VMPPT	2kW/4kW	220/230/240V	50 Hz	Hardwire + 2 C13 outlets	24V	Utility, solar or both	Y	10 ms typical (UPS); 20 ms typical (Appliances)	50.8 x 34.9 x 18.4 cm	24.72 kg
APSWX3K24VMPPT	3kW/6kW	220/230/240V	50 Hz	Hardwire + C19 Outlet	24V	Utility, solar or both	Y	10 ms typical (UPS); 20 ms typical (Appliances)	50.8 x 34.9 x 18.4 cm	36.92 kg
APSWX4K48VMPPT	3.2kW/6.4kW	220/230/240V	50 Hz	Hardwire	48V	Utility, solar or both	-	10 ms typical (UPS); 20 ms typical (Appliances)	46.8 x 29.5 x 12 cm	10 kg
APSWX6K48VMPPT	5.5kW/11kW	220/230/240V	50 Hz	Hardwire	48V	Utility, solar or both	-	10 ms typical (UPS); 20 ms typical (Appliances)	46.8 x 29.5 x 12 cm	10 kg

Learn more about our full line of power solutions at tripplite.eaton.com.

TRIPP-LITE
by **EATON**