



Puredrive remote energy meter

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The capacity of energy the battery can safely discharge. A battery that has a higher C rating delivers more energy, and that means higher performance. Puredrive has the highest C rating (1C) in comparison to its competitors.

AC is Alternating Current. This is the electricity flowing first in one direction and then the other. This is the type of electrical current used on the grid and in most of your household devices and appliances.

DC is Direct Current. This means the flow is in one direction only. This is the type of electrical current generated by the solar panels on your roof and stored by your home battery.

This is a lithium iron phosphate battery. LifePO4 batteries are best known for their safety profile, the result of an extremely stable chemistry. They are incombustible, in the event a mishandling during the charging and discharging period. They can also withstand very harsh conditions from freezing cold to scorching heat.

An inverter is needed to convert the direct current electricity generated by your solar panels into alternating current electricity for your home's appliances. If you install a solar panel system with a traditional inverter and decide to add a battery system later on, you'll need a separate battery-specific inverter to convert the electricity back and forth from AC to DC current for your battery to store and discharge.

This is the process of your battery being fully charged, to the point of complete discharge and then back up to a full charge. Our warranty ensures you're protected for 10,000 cycles.

IP65 specifically, means that its able to protect against water jets. Water projected by a nozzle (6.3mm) against the enclosure in any direction will have no harmful effects.

Puredrive's VPP is a digital control system that connects households and businesses together, enabling their battery storage systems to charge and discharge simultaneously.

The VPP will put the consumer in control of their energy procurement and consumption, enabling them to make decisions as to where their energy comes from, and when and how their energy is consumed.

BMS stands for Battery Management System. Lithium-ion batteries can be used only in specific conditions, therefore a BMS is needed in order to monitor battery state and ensure safety of operations. This also ensures that other battery modules within the same system are also being monitored by the BMS, So that they are all balanced in terms of charge whilst helping preserve their longevity.

Our most frequently asked questions or queries.AC SystemCan you extend the CT clamps?No, you cannot



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extend the CT clamps. If you need to extend the CT clamps then you will need a Puredrive Energy Remote Energy Meter. You will then need to terminate the CT clamps in the Remote Energy Meter rather than the system.

Contact us for free full report

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