GRID SURFER® *outdoor* UPS FAQ's

Grid Surfer® FAQ's

Q1: Why should I include a UPS in my outdoor technology enclosure?
A1: A Grid Surfer® UPS provides many functions for the protection of your electronics, from power spikes, surges, to brown outs, and black outs.

Q2: I don't think I need my electronics to run when the power goes out; is there a reason I should still have a UPS included in my system?
A2: Yes, a UPS adds protection from a spike, surge and dips in power, keeping the same voltage at all times, effectively "riding the waves" keeping your electronics running even keel and stable.

Q3: What happens if my outdoor system encounters a power surge or spike?
A3: The Grid Surfer UPS system kicks in instantaneously, preventing surge or spikes to reach your electronic equipment, keeping power draw stabilized, while at the same time diverting excess voltage away from your electronics via ground.

Q4: What's happens if my outdoor system encounters a utility power sag or brown out?
A4: The Grid Surfer is constantly active, meaning no relays are used at all. This means that your equipment will never feel any drop in power when this occurs, providing smooth operation, and no stress on your electronics.

Q5: What's happens if my UPS system encounters severe hot temperatures?
A5: Grid Surfer doubles on power that a system is rated for, meaning if the heat reaches 70c/158f it will still provide the same power due to heat de-ration as the power advertized for the system. Some models have heat convection displacement and can be outfitted with fans if needed.

Q6: What's happens if my UPS system encounters severe cold temperatures?
A6: Grid Surfer components produce enough heat to off-set a cold ambient temperature, and batteries are always in a trickle charge mode, countering battery freeze, and cold power dissipation. Battery warmer pads can be added for extreme environments.

Q7: Can the Grid Surfer product line protect other electronic gear I power via the enclosure?
A7: YES, Grid Surfer uses a complete line of surge protection devices that are used to protect, Power over Ethernet devices, Signaling/data wiring, and Wi-Fi Antenna use.

