



LCD DEGRADING

Screen Protection Available

Overtime direct sunlight to an inverter screen will cause it to fail



LCDs use special materials that change their forms at a molecular level when an electrical current is applied to them. An LCD TV screen or monitor has a front panel made up of thousands of tiny dots of liquid crystal.

In direct sunlight display usually returns to normal some time after cooling off but enough heat for enough time can damage it permanently.

Prolonged exposure to sunlight can also ruin the synthetic crystal degrading it over time. The liquid

crystal in the LCD screen can break down, meaning the display won't work. Other components in the LCD screen can malfunction as they aren't designed to tolerate high heat.

In addition UV rays can damage the long chain organic molecules that make up liquid crystals, causing the chains of molecules to break down. The tiny dots making up the screen no longer respond to the electric current by becoming completely transparent or completely opaque.

Fortends Solar
Welcome to Fortends Solar supplies, here you will be able to see our range of different wholesale products that have been utilized all around Australia wide from solar wholesalers, solar installers and leading solar retailers. We are a direct importer and manufacturer for all our solar and LED equipment and accessories, in the past era of the young solar market we have been here working with different groups of solar and energy merchants in providing the absolute best service and reliability to this growing industry.

ABOUT OUR SCREEN PROTECTOR

Simply attach the stainless steel screen protector by removing the thin film to expose the strong adhesive layer, place directly above the LCD inverter screen making sure you cover the entire screen. Hold screen for 30 second, now that you have protected your inverter you can now always check the screen by flipping the protector upwards to check you daily energy output. A stainless steel

screen protector will absorb and reflect all heat it will prolong your inverters LCD usage. Solar system are a long term investment and with a good quality system it should work efficiency for 25 years. Save yourself the hassle of replacing the LCD screen for a fraction of the cost. Care, clean and maintain are the best factors to ensure the best returns for your investments.