

# Tough IPC™

**-20 to 60°C, 90% Humidity,  
Conformal Coated with White  
LED Backlighting, 4 yr. Warranty**

**NEMA 4X, IP66, Class I DIV II**



Temperature specification for panel mounted Industrial Computers is not only a problem on the Indian sub-continent, it is a challenge even in plant environments where the ambient is only 30°C. Computers by nature generate a lot of heat, therefore it is not uncommon for the control panel designers to oversize the control cabinet in order to maintain a temperature of 50°C inside the cabinet.

**Uticor Tough IPC has been designed to solve this temperature and oversizing problem. In addition all circuit boards are conformally coated to prevent the adverse effect of high humidity.**

Many automotive plants even in the US, are able to reduce the size of there control cabinet by as much as 50% by using Uticor Tough IPC.

## **Sealed USB port upfront**

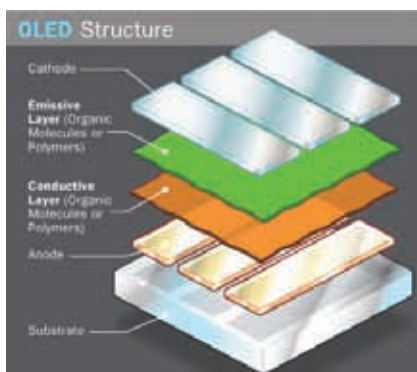
Tough IPC also sports an environmentally sealed USB ports in front of the panel to avoid opening the door of the control cabinet

Tough IPC also utilizes the latest in White LED technology to provide solid state lighting in place of traditional CCFL bulb. White LED backlight extends the life of LCD display to 1 lakh hours, reduces energy consumption by 20% as well as provide the operator with a much better looking display.

# Tough IPC™

**-40 to 70°C, 90% Humidity,  
Conformal Coated, Organic LED  
Display**

**Extreme**



Organic LED or OLED is the latest in display technology that allows Uticor to offer Uticor Tough IPC Extreme that can operate reliably from -40°C to 70°C without using any heaters at the low end of the temperature and air conditioning at the high end of the operating temperature. In addition the storage temperature can go from -50°C to 85°C. OLED is also extremely energy efficient and provides a much brighter and faster visual response.

