

wysips[®] CRYSTAL

Transparent Photovoltaic Display Components

OUR TECHNOLOGY FEATURES A TRANSPARENT, ULTRA-THIN COMPONENT THAT COMBINES PATTERNED PHOTOVOLTAIC MATERIAL & OPTICS TO GENERATE POWER FROM ANY EMISSIVE DISPLAY SCREEN.



+ ADDED VALUE

- > Extend battery life with infinite standby
- > Power additional features without increasing battery capacity
- > Always-on connectivity for your applications

👁️ DESIGN FRIENDLY

- > Ultra-thin transparent component, with no visual impact on product design
- > Minimal additional electronics required

🔧 ADAPTABLE

- > Adaptable to various display sizes
- > Not OS / software specific

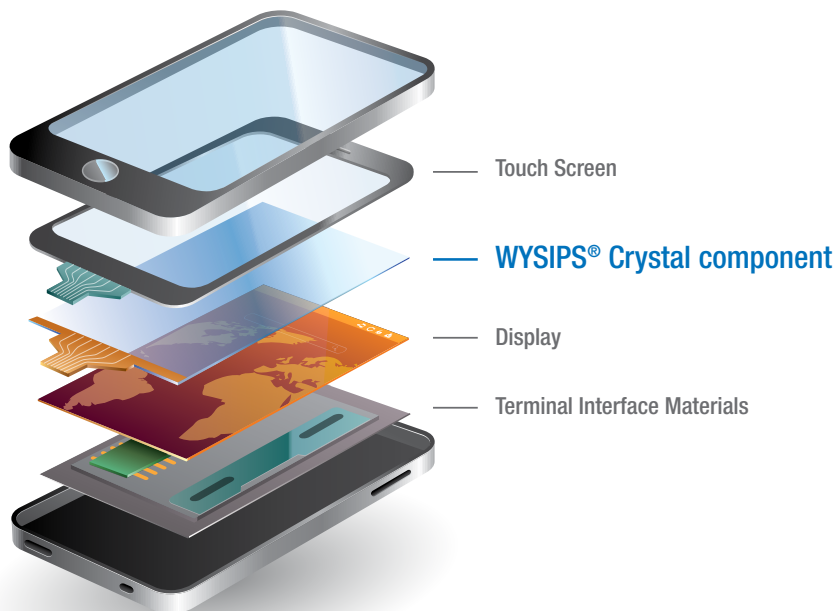
⚙️ CUSTOMIZABLE

- > Electronic design adapted to your application
- > Indoor/outdoor



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Product Size

- > Available for display sizes up to 6"
- > Adaptable to larger sizes



Optical Performance

- > Transparency up to 85%, measured using industry standards
- > Wide viewing angle



Compatibility

- > Compatible with all types of emissive displays



Power Management

- > Direct connection to device battery through DC-DC converter



Module Thickness

- > From 550 μm down to less than 300 μm



Power Output

- > From 2.5 mW/cm^2 to 4 mW/cm^2 (depending on display and transparency requirement) For 1 SUN illumination (STC)
- > Active conversion in all indoor and outdoor environments



Monitor Solar Energy Harvesting with Wysips[®] Smartpower

- > An app that lets users optimize and visualize energy production from Wysips[®] Crystal
- > Create an individual power profile based on user behavior
- > Apply dynamic Ecomodes to improve battery life

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Boost your smartphone with Solar Energy