



“[Man Yue Tech]” / “Starzeon”
announces pioneering launch of 200V Radial Lead Type
Conductive Polymer Aluminum Solid Capacitors
under the brand name of “X-CON[®]”

Starzeon, a wholly-owned subsidiary of “[Man Yue Tech],” announced the pioneering launch of Radial Lead Type Conductive Polymer Aluminum Solid Capacitors under the brand name of “X-CON[®]”. With a voltage of up to 200V, the new product offers voltage more than double that of the maximum voltage of 100V afforded by currently available Japanese-made capacitors, displaying a clear edge in terms of production technology and R&D capabilities.

This technological breakthrough has not only solved the problem of voltage restrictions in solid capacitors, but has also further bolstered the strengths of this type of products by a significant measure. By comparison with liquefied aluminum electrolytic capacitors in terms of performances in various aspects, power polymer capacitors (PPCs) are not only two times as strong in ripple current (RC) resistance, but also have a much lower impedance, giving them superior heat resistance and a longer life. Even under extremely low temperature, variations in capacitance and ESR remain largely stable.

The emergence of the PPC has broadened the scope of application for capacitors. Apart from usual applications in mother boards and graphic cards by PC manufacturers, it can now also be applied in market segments such as LED lights, power supplies and smart phone chargers in replacement of other capacitors. Comparing with traditional capacitors, PPCs are well-positioned to bring its inherent strengths into full play with better performance in impedance and RC, enabling safer applications and longer life versus traditional capacitors.

The products are compliant with RoHS, Halogen Free & REACH standards and samples are available.

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