



[For Immediate Release]

30 July 2026



Man Yue Technology Holdings Limited
(Stock Code: 894.HK)

**Man Yue Technology's LCC Lithium-Carbon Supercapacitor Technology
Sets a New Global Benchmark**

**World's First High-Capacity, Fully Automated Smart Production Line Officially
Commences Production; Annual Capacity of 1.5GWh Ranks No. 1 Globally**

(Hong Kong – 30 July 2026) **Man Yue Technology Holdings Limited** ("Man Yue Technology" or the "Company") and its subsidiaries (collectively, the "Group") (Stock Code: 894.HK), a leading supercapacitor and energy storage technology enterprise in China, is pleased to announce that the Group's new 20Ah cell production line for its self-developed Lithium Carbon Capacitor ("LCC") supercapacitors officially commenced production at the end of June 2026. As the world's first high-capacity, fully automated smart production line of its kind, it delivers an annual output of up to 1.5GWh (calculated at a 10C charge/discharge rate), ranking No. 1 globally in annual output capacity in the supercapacitor field. The commissioning of this production line marks the official entry of Man Yue Technology's self-developed LCC lithium-carbon supercapacitor technology into the mass production stage, laying a solid foundation for large-scale market supply going forward.

The LCC lithium-carbon supercapacitor, independently developed by Man Yue Technology, adopts a hybrid energy storage mechanism and has been tested and verified as the world's largest single-cell supercapacitor with a capacitance of 45,000F (farads). It delivers a high power density of 15kW/kg and a high energy density of 140Wh/kg, and can achieve over 100 million charge/discharge cycles under specific conditions, offering a world-leading ultra-long cycle life, a rapid response time of no more than 20 milliseconds, and wide-temperature operation. Having passed extreme tests including nail penetration, crushing and overcharging with no fire and no explosion, the LCC lithium-carbon supercapacitor demonstrates exceptional safety and sets a new technical benchmark for the global supercapacitor industry.

LCC Lithium-Carbon Supercapacitor – Technical Specifications

Maximum Cell Capacitance:	≥45,000F, world's largest
Cell Voltage:	2.5V-4.2V
Charge/Discharge Cycles (under specific conditions):	≥100 million cycles, world-leading
Operating Temperature Range:	-40°C ~ +80°C
Power Density:	15 kW/kg
Energy Density:	140 Wh/kg
Charge/Discharge Rate:	1C ~ 50C
Response Time:	≤20 ms



With breakthrough improvements in both energy density and safety performance, the LCC lithium-carbon supercapacitor fully meets the stringent energy storage demands of high-load, high-intensity application scenarios, representing a new generation of high-end capacitive energy storage solutions.

Leveraging the core technology of the LCC lithium-carbon supercapacitor and its world-leading production capacity, Man Yue Technology has built a comprehensive product and solution matrix spanning diversified scenarios including new energy vehicles, smart mining trucks, 6G communication base stations, grid frequency regulation systems, AI servers and computing centers. Going forward, the Group will focus on these five emerging sectors, capturing blue-ocean market opportunities arising from the global new energy transition and AI computing infrastructure build-out with its leading technology products.

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About Man Yue Technology Holdings Limited

Headquartered in Hong Kong, Man Yue Technology is a leading supercapacitor and energy storage technology enterprise in China. Since 2004, the Group has co-established a research and development center with the Research Institute of Tsinghua University in Shenzhen, accumulating over two decades of expertise in supercapacitors and materials processing, with more than 100 patents granted and several core indicators reaching internationally leading levels. In 2025, the Group established a joint laboratory with the Chinese Academy of Sciences to continuously drive fundamental technological innovation. The Group's product brands include SAMXON®, X-CON®, XLPC®, and FNETech®, through which the Group expands into new energy and energy storage applications. Its product portfolio covers aluminum electrolytic capacitors, conductive polymer solid capacitors, multilayer polymer capacitors (MLPC), electric double-layer capacitors (EDLC), lithium-carbon capacitors (LCC) and advanced energy storage modules, meeting the needs of diverse industries with a comprehensive technology and product matrix.

This press release is issued by DLK Advisory Limited on behalf of Man Yue Technology Holdings Limited.

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