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Listing : Tokyo Stock Exchange Prime Market
Securities code : 6905
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Development and Sales of AC Adapter for Medical Devices: "CXLA100F/150F"

We have developed and commercialized 100W and 150W models of the CXLA series of AC adapters for medical equipment as the first products under our new brand of COSELSYNC.

1. Background of the Development

Until now, our product lineup has primarily consisted of power supply units designed to be built into our customers' equipment, and we have not offered AC adapters that supply power externally.

In particular, there has been a growing demand for high-quality, high-reliability AC adapters used in compact devices that comply not only with the medical electrical equipment safety standard IEC 60601-1, but also with IEC 62368-1, the safety standard required for information and communication technology equipment and general industrial devices.

In response to this trend, we have developed AC adapters for medical devices that are certified to meet both safety standards.

2. Features of the New Product

(1) Energy-Saving Design

- Compliant with the U.S. Department of Energy (DOE) Level VI regulations for power conversion efficiency.
- Extremely low standby power consumption, with power usage of less than 0.15W at no load.

(2) Wide Operating Temperature Range

Capable of operating within a broad temperature range of -30°C to +70°C.

(3) Compliance with Medical Standards

Meets the "IEC 60601-1" BF type^{*1} standard, with 2MOPP^{*2} insulation between input and output.

^{*1} BF (Body Floating) type refers to medical devices with applied parts that come into contact with the body's surface and require patient leakage current of 100 µA or less.

^{*2} 2MOPP (Means of Protection for Patients) refers to double or reinforced insulation structure as a means of patient protection.

(4) Versatile Input and Output Interfaces

- Three types of AC inlets are available for input, compliant with *IEC 60320* (C6, C8, and C14 types).
- Two types of output connectors are available for output, compliant with "5.5x2.5 Barrel" and "Min. DIN 4P with lock".

(5) Product Overview

Seq.	Model Name	Output Lineup	Dimensions (W × H × D)	Weight
1	CXLA100F	12V, 8.34A	75 × 25.4 × 155 mm	335g
		19V, 5.26A		
		24V, 4.17A		
2	CXLA150F	12V, 12.5A	75 × 28.5 × 155 mm	500g
		19V, 7.89A		
		24V, 6.24A		

3. Target Applications

(1) Medical Devices

- Patient Monitoring Systems
- Diagnostic and Imaging Equipment
- Home Healthcare Devices
- Laboratory and Clinical Devices

(2) FA (Factory Automation) Control Equipment

(3) Measuring and Analytical Instruments

(4) IT Equipment

(5) Other General Industrial Equipment

4. The expected annual sales (after three years) of the new product: JPY 400 million

5. Scheduled Product Launch: from July 2025

6. Product Appearance

