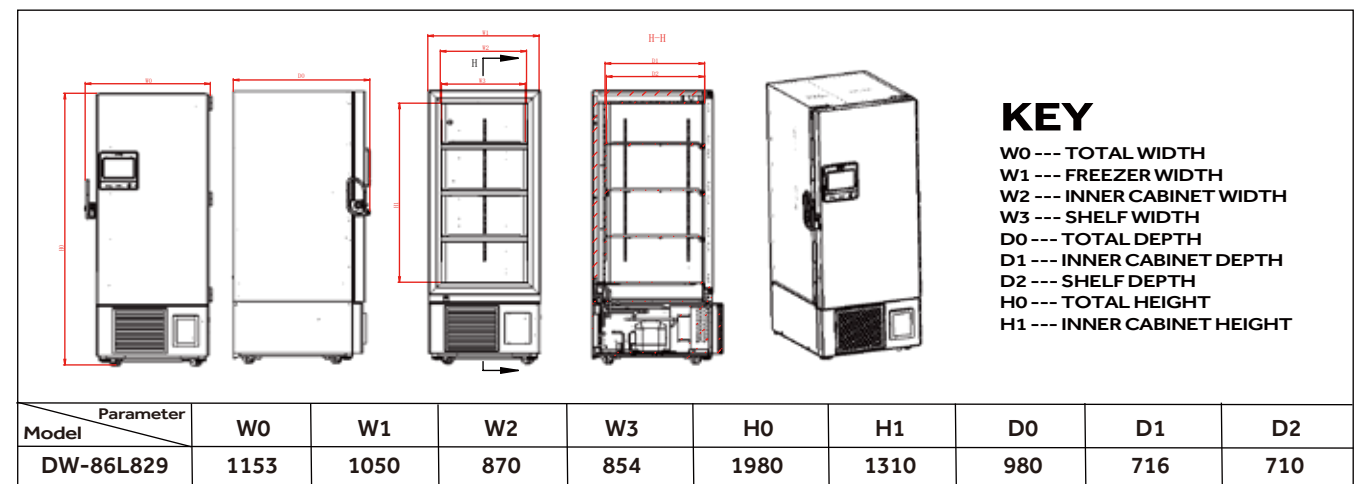
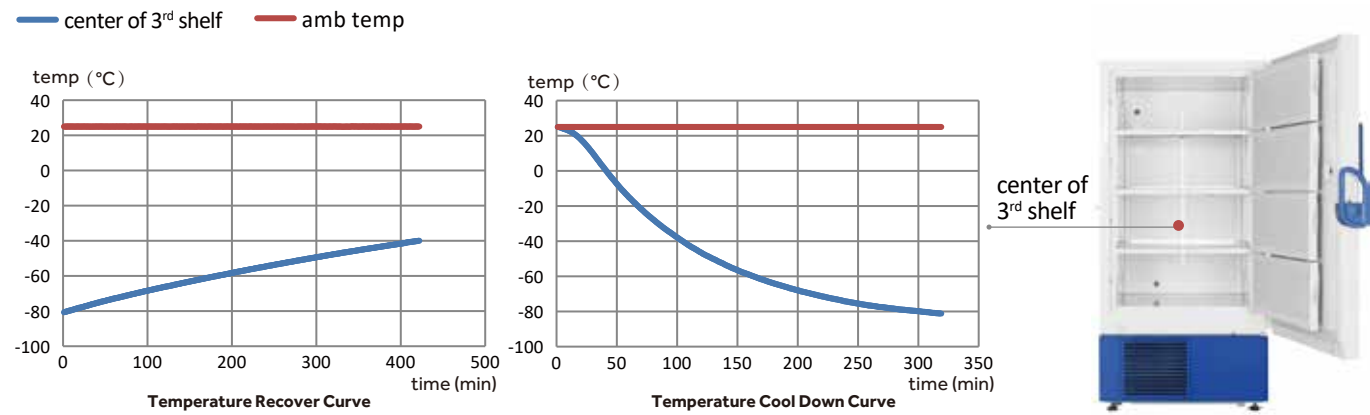


Typical Performance Characteristics in 25°C Ambient



Specifications

DW-86L829							
Technical Data	Cabinet Type		Upright	Functions	High/Low Temperature	Y	
	Climate Class				N	Hot Condenser	Y
	Cooling Type				Direct cooling	Power Failure	Y
	Defrost Mode				Manual	High/Low Voltage	Y
	Refrigerant				HC	Sensor Error	Y
Performance	Sound Level (dB (A))		52	Other	Low Battery	Y	
	Cooling Performance (°C)		-86		High Ambient Temperature	Y	
	Temperature Range (°C)		-40 ~ -86		Door Ajar	Y	
Control	Controller		Microprocessor	Accessories	Caster	Y	
	Display		LCD		Foot	Y	
Electrical Data	Power Supply (V/Hz)		220 ~ 240/50		Porthole	Y/2	
	Power (W)		1700		Shelves/ Inner Doors	3/4	
	Electrical Current (A)		10		USB Interface	Y	
Dimensions	Capacity (L/Cu.Ft)		829/29.3		Remote Alarm	Y	
	Net/Gross Weight (approx)	kg	380/410		5V Power Supply Port	Y	
		lbs	837.7/903.9		Temperature Chart Recorder	Optional	
	Interior Dimension (W*D*H)	mm	870*716*1310		RS485 Port	Standard	
		in	34.3*28.2*51.6		CO2 Backup System	Optional	
	Exterior Dimension (W*D*H)	mm	1153*980*1980	LN2 Backup System	Optional		
		in	45.4*38.6*78.0	Other	Certification	CE	
	Packing Dimension (W*D*H)	mm	1190*1045*2150				
		in	46.9*41.1*84.6				
Container Load (20'/40'/40'H)		10/20/20					

ULT Freezer
DW-86L829

Making Your Lab More Intelligent and Reliable

Intelligent Inventory Management

10-inch touchscreen with single version inventory management allows users to easily record item locations, entry and exit records for intelligent stock management.

Safe and Reliable Storage

Temperature uniformity $\leq \pm 5^{\circ}\text{C}$, equipped with an intelligent temperature monitoring system, real-time temperature data monitoring function and multiple safety alarm system.

Energy Saving and Environmentally Friendly

The optimized hydrocarbon refrigeration system is more environmentally friendly and uses significantly less energy than older technologies, saving up to 30% on electricity. ENERGY STAR certified.

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Ergonomic Design



Narrow Door Design

The freezer can pass through a 880mm wide door when the freezer door is open.



New Handle Design

Adopting exclusive slide design, easy to open and close the door



Pressure Equalization Port

Equipped with pressure equalization port for easy opening



Porthole

Two portholes as standard, allows for independent testing of cabinet temperature



Filter Design

Tool-free removable filter, making it easy and quick to clean the filter



Detachable Inner Door Design

Tool-free detachable inner door, ensuring easy and quick defrost



Product Advantages



Large Intelligent LCD Screen Visual Management

10-inch high-performance LCD capacitive screen, sensitive touch operation; intuitive display of inside temperature, ambient temperature, input voltage and other data and temperature curves.

Stored Items(materials) Management System

An accurate stored items management system was developed for users who don't use freezer racks, boxes and vials, the system easily records the items locations, entry and exit records and largely facilitate item inventory and statistics.



Professional version (optional)



Single version (standard)

The stored item management system was developed for users who use freezer racks, boxes and vials, the system can easily record the item locations, entry and exit records, facilitate item inventory and statistics with multi-screen interaction and reduce errors through secondary verification.

Equipped with Multiple Interfaces

- Standard USB interface, capable of storing data for 10 years
- Standard remote alarm terminal and RS485 port



Multiple Options for Safe Management and Control Systems

Password lock as standard with optional fingerprint module, face recognition and punch card system. Multi-person management control option to ensure safe and secure storage.

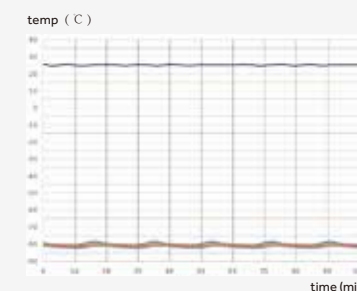
Optional IoT System Real-time Monitoring

The IoT APP can monitor the operating status of the equipment anytime and anywhere. The unit is equipped with self-diagnose system faults and alarm functions, ensuring sample safety.



Safe and Secure with Multiple Alarms

Designed and manufactured with multiple alarm functions, such as high temperature alarm, low temperature alarm, sensor failure alarm, power failure alarm, low battery alarm, door ajar alarm and high ambient temperature alarm to name a few.



Precise Temperature Control ensures Safe Storage

The setting temperature is adjustable between -40 ~ -86°C, monitoring temperature curves in real time, and the temperature safety alarm system is the latest design and state-of-the-art technology.



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.