

# Stirling Engine Japan



## COVID-19 VACCINE STORAGE AND TRANSPORTATION

Freezers Below  $-70^{\circ}\text{C}$  ®~

- 参 Stirling Engine Refrigeration with Precise Temperature Control
- 参 Double safety with built-in battery and special insulation
- Real-time GPS Tracking and Temperature Monitoring

# Vaccine Transportation and Storage

Introducing Ultra - Low Temperature Portable Freezers  
 Covid-19 Vaccine Transportation /storage below (-70°C)  
 Maintain same Temperature 24/7!



Specifications of Freezers

Model	CPF01L86	CPF10L80	CPF130L80
External Dimensions	306x311x451.5mm	620x476x624.5mm	790x910x1265mm
Internal Dimensions	150x134x56.7mm	237x296.5x176.3mm	500x589x470mm
Effective Volume (L)	1	10	130
Grid Size (mm)	-	-	160x580x75mm
Vaccine tubes Storage Capacity For Pfizer vaccines	25pcs	400pcs	
Weight (KG)	13.5	33	120
Rated Voltage (V)	12-30VDC	12-30VDC	12-30VDC
Rated Power (W)	80	80	320
Max Power (W)	100	100	400
Temperature Range (°C)	-86~4	-80~30	-80~30
Precise Control	± 3°C	± 2°C	± 3°C
Battery 1hour Backup	1 H	1H/ OP:6H	1 H/OP:6H

## Key Features

- Designed for Standard Vaccine Kits
- NFC/ RFID-lock
- Precise Temperature Control
- Real-time Monitoring with LoTA Platform
- VIP Insulation and Rotational Molding
- 50000 Hours Maintenance Free Operation
- Backup Battery in-case of Power Failure
- 24hours On-line Service

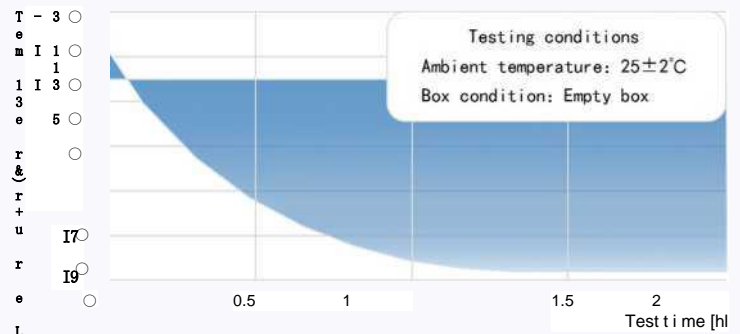


# Performance Graph of Vaccine Storage Freezers

CPF01L86



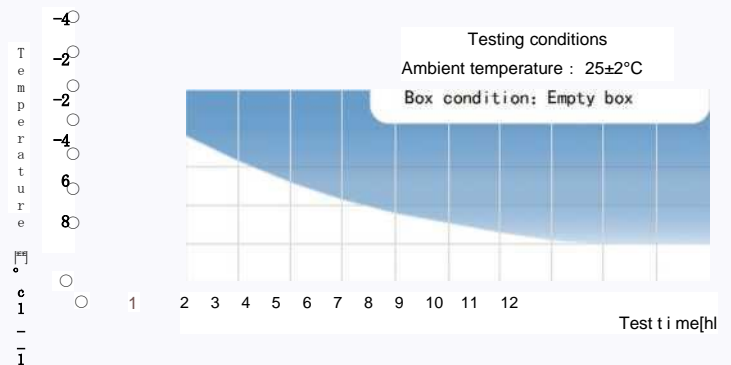
CPF01L86 Ultra-low Portable Cryogenic Freezer Refrigeration curve



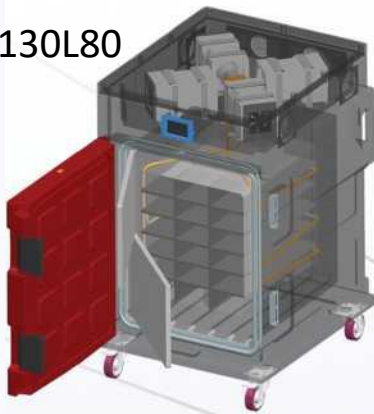
CPF10L80



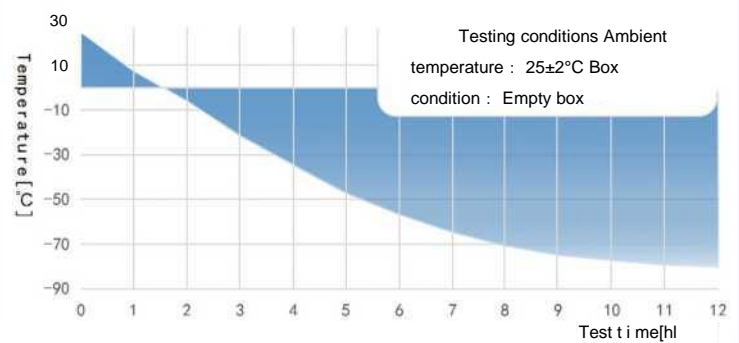
CPF10L80 Portable Cryogenic Freezer Refrigeration curve



CPF130L80

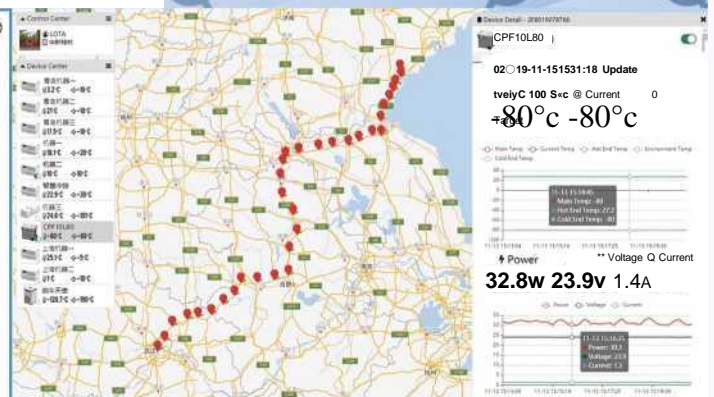


CPF130L80 Stirling Mobile Freezer Refrigeration curve



## Stirling LOTA IoT System

- Equipped with stage MOS
- Electronic anti drop lock
- Freezer door sensor
- GPS positioning
- Motion sensor IOT
- Backstage
- Remotely control Freezer
- Monitor real-time status and position of the goods



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Our commitment:  
Let's fight against Covid-19 together



Stirling Engine Japan Ltd.

Distributor: