



E003: Refrigerators and freezers



Product name:	ARKTEK YBC-10 SDD
IMD-PQS Code:	E003-118
Status:	Prequalified
Date of acceptance:	20 Oct 2020
Appliance type:	E003
Product description:	Solar Direct Drive Refrigerator
Manufacturer:	Qingdao Aucma Global Medical Co.,Ltd.
Manufacturers Reference:	ARKTEK YBC-10 SDD
Country of Manufacture:	China
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao Shandong China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Website address:	www.aucmamedicalglobal.com
Valid until:	31 Dec 2025

Specifications

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Freeze protection	Grade A
External dimensions width (mm)	52.80	External dimensions height (mm)	86.00
Appliance tested at (°C)	43.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
Lining	PCM	Energy Consumption Cool Down (kWh/24h)	0.3000
Energy Consumption Continuous Power (kWh/24h)	0.2400		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	10.000	Refrigerator's gross volume (Litres)	15.000
Autonomy (hrs:mn)	72:00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
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Comments	"The ARKTEK YBC-10 SDD provides safe, solar-powered vaccine storage for health facilities that have minimal or no mains power, and extreme ambient temperatures. It can keeps vaccines cold with no risk of freezing through 3+ day periods with inadequate sunlight. Included 200W PV modules and pole PV mounting rack with 20m wiring and 1.5m ground rod. Included energy harvesting outputs with 5V USB (2A) Integrated 30-day electronic refrigerator temperature logger stores and displays temperature." Range of holdover time: 51 - 100 hours
List of accessories	6 vaccine stacks; documentation;
List of spare parts, Reference & Price	"Thermoelectric cooler 1 EA Electronic control board 1 SET"

PRICE AND SHIPPING

Incoterms	EXW	Price 1	\$3,550
Year of base price	2020		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
Specification Reference	Applicable PQS specification: PQS/E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.4		

VERIFICATION

Verification Laboratory	0013X00004MI8OhQAJ	Verification Report Reference	WB-19-369
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PRODUCT SITES

Organization name	Qingdao Aucma Global Medical Co.,Ltd.		
Address	315 Qianwangang Road, Economic &Technological Development Zone, Qingdao Shandong China		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 Dec 2025</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.