

Refrigerated container KOALA GREEN 140

1/16/2023
Rev.0



ATP



Self-powered refrigerated container with removable battery


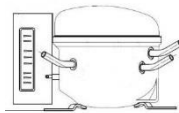






- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP Certificate
- Compatible with food contact
- Color: melange grey/blue
- Power supply and charging at 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its service life
- Available with 65Ah or 100Ah LiFePO4 battery

MANUFACTURING MATERIALS











Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door; CFC and HCFC free
Silicone rubber	gasket	Polyamide and fiberglass	closures
Stainless steel	Grip handles	Aluminium	Carter and zipper

Model	Product code	EAN code	Ext. dim. (mm)	Int. dim. (mm)	Capacity (liters)	Weight (kg)
integrated static cooling unit	K140AFISDYM0	8022949177539	620x1000xh710	415x620xh515	135	46
	K140AFISCYM0	8022949177904				
	K140AFISBYM0	8022949178130				
	K140AFISAYM0	8022949178000				
	K140AFISDZM0	8022949177782				
	K140AFISCZM0	8022949178109				
	K140AFISBZM0	8022949177973				
	K140AFISAZM0	8022949177188				

FEATURES COOLING UNIT

	Cooling unit equipped with static evaporator type "roll-bond"		Hermetic compressor with electronic control unit for regulation and control equipped with surge protection
	Guaranteed cooling unit performance for ambient T-use: +10°C to +30°C Container (isothermal body) guaranteed for use: -30°C to +100°C		Cables for power supply at 230Vac 50-60Hz (standard equipment)
	The battery indicator displays: <ul style="list-style-type: none"> • Battery voltage (V) • Current (A) input/output • Power (W) incoming/outgoing • Amper h (Ah) consumed • State of charge (%) • Remaining autonomy (h) 		Easy reset button for battery reset after long periods of inactivity
	Temperature regulation and control with programmable digital thermostat		Removable battery for easy replacement and charging via external power supply Storage limit temperature of the battery only: -20°C / +60°C
<p>Degree of accuracy: +/-0.5 °C</p> <p>Refrigerant gas: R134a (versions 0°C +10/+40°C); R452a (versions -18°C +10/+40°C, -25°C +10/+40°C, -30°C +10/+40°C)</p> <p>Overall heat transfer coefficient: K=0.35 W/m²K</p> <p>Time for a full battery charge: about 8/10h</p>			

PRODUCT FEATURES

	Equipped with opening door up to 240°, with zipper integrated in the container		5 seats for housing grids positioned at 62/152/242/332/422 mm from the base of the container. Grills available on request
	Monobloc structure, without edges, joints and welds		Closing hooks in shockproof material
	Door sealing gasket easily removable		Equipped with integrated stainless steel grip handles
	Insulation with CFC- and HCFC-free polyurethane foam		EVlink module with bluetooth interface available on request
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Active and charging unit absorption (at 230Vac)	Fuse 230Vac
Koala Green 140 AF 0°C to +10°C	K140AFISDYM0	0.9A - 210W	4Th
Koala Green 140 AF -18°C to +10°C	K140AFISCYM0	1.52A - 350W	4Th
Koala Green 140 AF -25°C to +10°C	K140AFISBYM0	1.52A - 350W	4Th
Koala Green 140 AF -30°C to +10°C	K140AFISAYM0	1.52A - 350W	4Th
Koala Green 140 AFH 0°C to +40°C	K140AFISDZM0	0.9A - 210W	4Th
Koala Green 140 AFH -18°C to +40°C	K140AFISCZM0	1.52A - 350W	4Th
Koala Green 140 AFH -25°C to +40°C	K140AFISBZM0	1.52A - 350W	4Th
Koala Green 140 AFH -30°C to +40°C	K140AFISAZM0	1.52A - 350W	4Th

BATTERY	Code	Weight (kg)
Battery 65Ah	EPKIT65	9.5
Battery 100Ah	EPKIT100	14.5

ACCESSORIES	Code
Stainless steel grid	AEA030
Galvanized steel trolley	AIB005
Trolley locking kit	RRI137
Fixing kit on vehicle	RRI144
Battery kit 65Ah	BATT65AH
Battery kit 100Ah	BATT100AH
Charger 10A	CHARGER10A (charging power supply 10A at 12V. Transmitted power 120W)