


Specifications

Price (US\$ FOB China)	Markets	Product Name	Model No.	Issue Date
	Asia/Africa/Oceania/Americas	Off-Grid fridge Pack	HS2-538_LB2222_FR100_KEYP_TC3	2019/11/15
		Special Features		
		<ul style="list-style-type: none"> -162 Wp Crystalline Solar Panel -Matched for daily energy consumption -DC12V -Lithium LFP Battery Pack -538 Watt-Hours of Energy Storage -Power Output at 5V USB 		
Power System Parts		Fridge and Lights System Parts		
Solar Panel Type:	Crystalline Silicon	System SKU:	HS2-538_LB2222_FR100_KEYP_TC3	
Panel Power Rating:	162 Wp	Solar Fridge:	100L	
Energy Hub:	Battery Pack and I/O Controls	Power Supply:	12VDC, Voltage input range: 9~16 VDC	
Battery Type:	Lithium LFP	Rated Power:	17.8 W	
Battery Cycle Life: (80%)	> 1500 Full Discharges	Cabinet Internal temperature:	6°C	
Controls:	Power Shut-Off	Insulation:	High Density Polyurethane Foam Insulation (CFC Free, Cyclopentane Blown)	
Protections:	Over Charge/Discharge, Over Current			
Charge-Till-Full Time:	1 Solar Day / 5-6Hours @162 Watt			
Pack Capacity:	Pack Capacity 153.6Wh ; 12Ah@12.8V	Refrigerant:	Isobutane (R600a)	
Hub Outputs:	12V DC and 5V DC (USB)	Product Weight (Net/Gross):	23/25 kg	
Fridge+Lights Runtime when fully charged:	up to 24 hours for fridge; up to 10 hours for lighting	Footprint Area:	0.23 m ²	
Max. Output Power:	180 W	Cooling System:	Evaporator Rollbond	
Power Distribution:	Plug-O™ Cabling System	Friger and Lights Power:	4x2W+17.8W=25.8W	
Display:	Remaining Energy% / Time till Empty /Time till Full/Credit	LED bulbs lumens:	5000K	
Optional Charging:	AC Adaptor, 16-28VDC	Torch:	Battery Voltage: 3.2 Volt DC Battery Capacity: 500 mAh	
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