VLS 054Ae SDD

SOLAR DIRECT DRIVEN REFRIGERATOR

This series can maintain stable temperatures between +2°to +8°C in all ambient temperatures. The included solar panel kit of 2 x 180W, is connected plug & play, directly to the appliance.

TrueBlue Series

A NEW GENERATION OF PRODUCTS



+2°C
+8°c

DIMENSIONS	
Height, mm	910
Width, mm	720
Depth, mm with handle	700
Gross weight, kg (incl. packaging)	110,5
Net weight, kg	85
Packed dimensions, HxWxD, mm	1025 x 785 x 727
Shipping volume m3	0,58
SPECIFICATIONS	
Gross volume, L	108
Net volume, L	55,5
Temperature range (+43°C AMB)	+2°C to +8°C
Autonomy, hours (+43°C AMB)	72,4
Energy consumption - stable, kWh/24h	0.35
Energy consumption - cool down, kWh/24h	0.69
Refrigerant	R600a
Freeze protection, grade	A
Climate class	T
WHO PQS code	E003/106e
FEATURES	
Storage baskets, no. top	2
Storage baskets, no. bottom	1
Temperature control	Automatic
Lock + keys	YES
Junction box	YES
Adjustable legs	YES, 10cm
Safety thermostat	YES
Appliance plugs	E, F, G
Charging port	USB A 5V
Industrial grade locking mechanism	YES
EMS level 3 as an option	YES
LOADING QUANTITIES	
Qty. per 20' / 40' container	28 / 60
***incl. solar panels 2x180W - see our solar panel datasheet**	
Solar panels packaging/weight dimensions	170 x 80 x 35 (DxWxH) - 110 kg

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

Find our EMS datasheet here.

All VLS SDD are PQS certified according to the newest performance standards.
This model comes equipped with our fully integrated remote equipment monitoring system (EMS) as standard.
An upgrade to EMS level 3 is available as an option for enhanced monitoring capabilities.

WHO PQS (Performance, Quality, and Safety) ensures that immunization equipment meets international standards. This certification guarantees quality, reliability, and safety. Non-PQS certified equipment risks poor performance, safety issues, and higher costs.

Updated 08/2026