

Africa GreenTec #ImpactProduct

CoolUP A new definition of energy-efficiency

Africa GreenTec developed an innovative and efficient cooling system, specifically designed to be powered by your solar system. The distinctive Africa GreenTec CoolUP is the perfect answer for anyone who values low power consumption. Thanks to the cleverly used PCM storage technology, the CoolUP keeps the cold for an above-average period even when the power supply is paused. For the coolant used, we rely on a particularly environmentally friendly solution.





DC /AC Designed to be powered by your solar system (also available as AC version)



integrated PCM storage After a power cut, the inside temperature can be kept for several days below + 8 degrees Celsius.



eco-friendly Low power consumption and environmentally friendly coolant.



Performance



Energy saving via PCM technology

Phase changing material (PCM's) is a substance that absorbs sufficient energy at phase transition to provide useful cooling. This new generation of energyefficient cooling systems is using PCM material in the body structure to store cooling energy during power supply. Combined with an efficient isolation technology, it is perfect to be only powerd during the day. Therefore, our CoolUP requires up to 30 % less energy compared to the usual appliances. Depending on the outside temperature, the inside temperature can be kept for several days below + 8 degrees Celsius.

Specifications

Usable volume of the storage area for fresh products in liter	139
Measurement in mm: - Height - Width without handle - Depth without handle	1298 595 625
Net weight in kg	48
Operating conditions: Operating temperature in °C Relative humidity in %	until +40 0 - 75
DC voltage range	10 V - 45 V
AC nominal voltage	230 V ~ 50 Hz
DC current range	2 A - 7 A
AC nominal current	0,4 A
Average temporary temperature of the products at the end of power supply time at T_{AMB} =16 °C in °C	from 0 to plus 6
Average temporary temperature of the products at the end of power supply time at $\rm T_{AMB}{=}25~^{\circ}C$ in $^{\circ}C$	from 0 to plus 8
Corrected max. sound power level in dBA	42
Conformity with	CE, RoHS

Be one of the first!

We launched the new Africa GreenTec CoolUP on the German market.



Scan to order your CoolUP

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Africa GreenTec

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