



Green Cooling Revolution



HIGH-EFFICIENCY CLEAN COOLING & SOLAR SOLUTIONS FOR A SUSTAINABLE FUTURE



00226 71 05 25 04 / 57 51 91 68



contact@sankgreenenergy.net



www.sankgreenenergy.net



SANK GREEN ENERGY & COMPANY is an African clean-tech company delivering high-impact, cost-effective energy and cooling solutions for commercial, industrial, residential, and agricultural clients.

We help our customers reduce energy costs, enhance performance, and accelerate the transition to sustainable energy through integrated solutions:

Ours services:

Solar-powered cooling & high-efficiency air conditioning

Engineering, system design & energy advisory

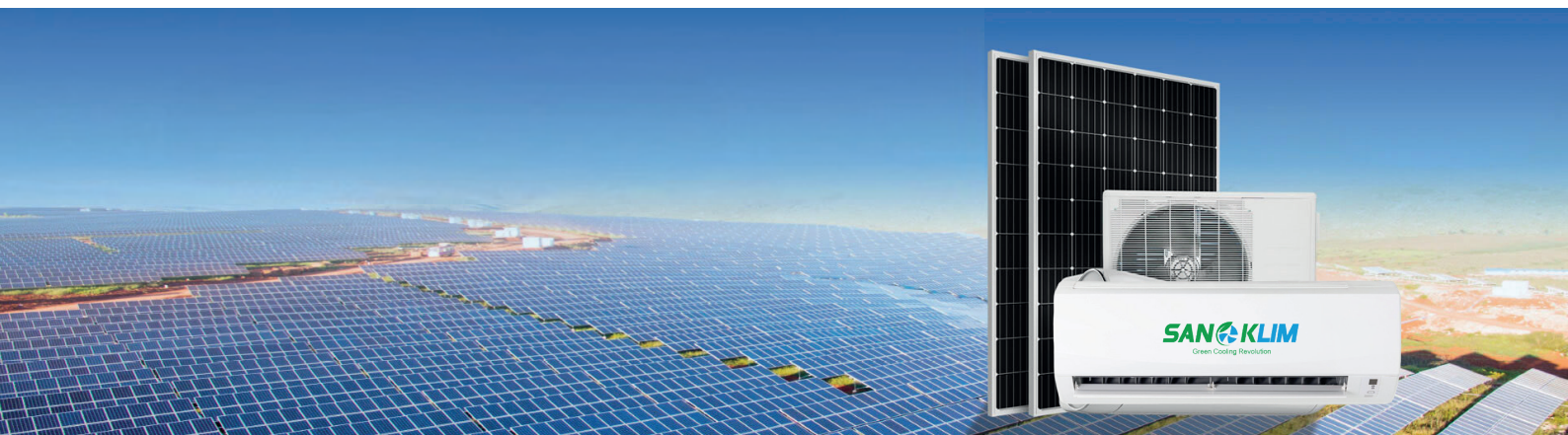
Local assembly & distribution of innovative solutions

Solar & cooling EPC (Engineering, Procurement & Construction)

Structured projects: PPP & PPA models



Our mission : To accelerate access to clean cooling and renewable energy across Africa -making it affordable, scalable, and inclusive.



Our product



The new generation of hybrid solar

SANKLIM

engineered to address Africa's energy and climate challenges.



Pay-as-you-go (PAYG)

The **SANKLIM Hybrid Solar AC** goes beyond energy cost savings by delivering **optimal thermal comfort**, even **in extreme heat conditions**. Fully tropicalized, it is designed to operate reliably across all African climates and weather environments.

Powered by advanced **Solar Direct Drive (SDDA)** technology, the system seamlessly operates on solar and/or grid power, with solar always prioritized. Under optimal conditions, it can run on **100% solar energy**, while remaining fully compatible with the **public grid when needed**.

Ranked among the most efficient air conditioners globally, with an **EER of 3.6 to 3.8**, it ensures high performance, durability, and energy efficiency.

A key innovation is **SANK GREEN ENERGY & COMPANY's PAYG (Pay-As-You-Go)** model, validated by **Climate KIC**, designed to democratize access to high-efficiency cooling across Africa. By removing upfront cost barriers, this approach enables households and businesses including low-income segments to access reliable cooling through flexible, usage-based payments.

Designed for simplicity and efficiency, the solution requires only the AC unit and a few solar panels:

no batteries, no inverters, no complexity -just clean, efficient, and accessible cooling.

Our product

Our hybrid solar air conditioners are available in wall-mounted, all-in-one and portable models.



100% ECO



Economy



Maximum efficiency



AC network power limiter



Operating temperature



Balance automatic



WiFi Option



Integrated monitoring system



Air conditionner split



Air conditioner cassette



Air conditionner All-in-One



Control and monitor our consumption even remotely



Reduce your electricity bill by up to 90%



Continuous comfort even in the event of a power outage



Contribute to environmental protection

Visit our website: <https://www.sankgreenenergy.net>

Technical specifications

Mode	/	DGWA5-ACDCBLW-12KR2 12000BTU	DGWA5-ACDCBLW-18KR2 18000BTU	DGWA6-ACDCBLW-24KR2 24000BTU
Power AC	Ph-V-Hz	208V-240V/50-60HZ	208V-240V/50-60HZ	208V-240V/50-60HZ
Power DC, PV, series connection	Max.PV Input Voltage(V)	380	380	410
	Start-up Voltage(V)	80	80	140
	MPPT Voltage Range(V)	75-360	75-360	120-360
	Full Load MPPT Voltage Range(V)	200-360	200-360	240-360
	Max.Input Short Circuit Current(A)	20	20	20
	Max.Operating PV InputCurrent(A)	13	13	15
	No.of MPP Trackers/No. of Strings per MPP Tracker	1/1	1/1	1/1
Cooling Capacity	W	3500(800~3900)	5150(1200~5600)	6400(1800~7800)
Cooling power input	W	920(140~1150)	1430(220~2000)	1690(340~2550)
Heating Capacity	W	4000(900~4400)	5150(1200~5300)	7030(1800~7800)
Heating power input	W	1020(150~1350)	1340(220~1450)	1780(320~2190)
EER	W/W	3.80	3.60	3.79
Indoor unit Dimension(WxHxD)	mm	840x205x295	950x310x230	1080x330x237
Indoor unit Packing(WxHxD)	mm	920x290x360	1045x376x326	1140x362x300
Outdoor unit Dimension (WxHxD)	mm	802x564x323	802x564x323	900x700x337
Outdoor unit Packing (WxHxD)	mm	910x622x405	910x622x405	1006x755x418





Green Cooling Revolution

Our Manufacturing Partner's Certifications



Applications



Residential



Offices



Industries and
mining
companies



Small Cold
Storage Units
for Agriculture



Pharmaceutical
Deposits



Hospitals



Real states



Construction
Sites



Show-Rooms



Event Rooms

Contact us :

☎ : +226 71 05 25 04

☎ : +226 57 51 91 68

✉ : contact@sankgreenenergy.net

🌐 : www.sankgreenenergy.net