



# KS POWER

future with solar energy



## HYGIENIC HOT WATER EVERY DAY!

**KS POWER brings the best bathing experience to your home**

KS POWER is an intelligent solar solution producer born from an idea to implement green energy to better use.

We aim at providing universally designed products to support all kinds of contemporary and sustainable living.

### **Is your water heater polluting the water with rust?**

Water heaters are made up of metals which are often rusted away. This results in contamination of water that can cause serious problems to your loved ones.

Introducing KS POWER, a top-notch designed hot water solar solution, aimed at revitalizing your bathing experience.

It's Food Grad SS316, SS304 & HDGI tank prevents the formation of rust and bacteria. Thus providing hygienic water to keep your family safe & healthy.

## FEATURES



UNIFORM HEATING



CORROSION-RESISTANT



EASY INSTALLATION



HIGH SELECTIVE  
ABSORBER SHEET  
(GERMAN TECHNOLOGY)



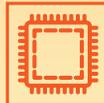
SS304/HDGI/  
GI TANK



LASER WELDING  
TECHNOLOGY



TEMPERED  
SOLAR GLASS



TAILORED FOR  
CONTEMPORARY  
BATHING SYSTEMS

## BENEFITS



ECOLOGICALLY SOUND  
AND DURABLE



HYGIENIC  
HOT WATER



ONE TIME  
INVESTMENT



LOW ELECTRICITY  
BILLS



SUITABLE FOR PRESSURE  
PUMP (6 BAR MAX)



QUICK AFTER  
-SALES SERVICE

## TECHNICAL SPECIFICATION

Hot water storage tank specifications

Capacity (LPD)	100	150	200	250	300	500 Manifold	500 Compact
Storage Tank	SS316 / SS304 / HDGI / GI						
Outer Cladding	Pre - Coated Steel						
Insulation	CFC Free PUF - Thickness : 50mm to 75 mm						
Safety Valve	Airvent for thermosyphon & 6 Bar pressure relief valve for pressurised system						
Electrical Backup Heater	Backup Heater /220 V AC with thermostat						
Tank Protection	Magnesium Anode						

## COLLECTOR SPECIFICATION

Evacuated Vacuum Tube Collectors

### Special purpose Borosilicate Glass Vacuum tube is made of 3 Target for Higher Efficiency

- High Heat absorbance through Cu-AlN-SS Coating
- Glass Thermal expansion co-efficient is  $3.3 \times 10^{-6}$
- Vacuum in tube  $< 5 \times 10^{-3}$  Pa
- Solar Absorptance is  $> 90\%$
- Emittance is  $< 6\%$
- Stagnation Temperature is  $> 200$
- Heat Loss Co efficient is  $< 0.08$  w

- ✓ Special treated inner 4 container ensures durability and resistance against corrosion. It comes with a 5 year replacement guarantee.
- ⚙️ Magnesium anode is an excellent sacrificial rod, forming a layer of magnesium on the inner tank protecting it from corrosion.
- 📈 KS POWER Vacuum Tubes are of Dia. 58mm x 1800 / 2100mm length, in keeping with international standards ensuring optimum energy absorption and high efficiency
- 🕒 The products comes with a 5 years guarantee assuring a dependable service.

Specifications are subject to change without prior notice