

SINCE 1992

**NUETECH**



ENERGY FOR CHANGING WORLD

An ISO 9001 : 2015 COMPANY

**NUETECH**

**DIGITAL GL**

IS NEW GENERATION  
SOLAR WATER HEATER



**AWARDS**



KASIDA UJWALA UDYAM - 2018



INDIA 500 BEST MSME AWARD FOR QUALITY EXCELLENCE 2020



ASSOCHAM SUPER TYCOON MSME 2017

**NUETECH SOLAR SYSTEMS PVT LTD**

**NUETECH SOLAR SYSTEMS PRIVATE LIMITED, DEVELOPED HYBRID SOLAR WATER HEATER INTEGRATED WITH SENSOR BASED ELECTRICAL HEATER OPTION IN SOLAR WATER HEATER □ SWH □ SEGMENT. HOT WATER IS MADE AVAILABLE AS PER CUSTOMERS CHOICE WHILE BATHING AND TEMPERATURE IN ANY SEASONS.**

### Current Solar Water Heater Challenges

- 1) On any weather condition, even if it is Rainy / Cloudy, the next morning, consumer will not get sufficient hot water for bathing.
- 2) Generally Solar Hot water is used in the morning hours. If the consumer utilize the Hot water in the evening times, it will be not sufficient for the next day morning.
- 3) Solar water heaters in any capacity, for example 100 LPD Solar Water Heater can deliver 100 Liters of Hot water per day, either in the morning or evening. which will be sufficient for 3-4 members in a family. If there are more members, then the designed capacity for hot water will be not sufficient through solar water heater

### Solutions from Nuetech Digital Controller System

- 1) Digital Control System is scheduled for desired bathing time & adjust Hot water on temperature. (Factory setting schedule time 6am to 9 am or on any flexible time in 24 hours) and consumer can set the emperature as per choice to get Hot water. Our Factory standard setting in Digital Controller is 50 degrees.
- 2) Digital control system heat the hot water through electric heater with auto sensor as per scheduled time. Suppose Hot water temperature is lower than the scheduled temperature (Ex: 50 degree) before 30 minutes on your scheduled timing auto switch to the electric heater by sensors and hot water get ready at your scheduled time (Ex. 6 am).  
  
Temperature can be set on time in 24 hours from 0 to 70 degree in Digital Control System or Nuetech app can be used
- 3) The 100 LPD capacity Solar Water Heater or of any capacity, if bathing members are more, if solar Hot Water get exhausted with in the scheduled time (Ex 6 am to 9 am) If temperature get down below from the factory setting ( 50 degree) temperature auto switch on your electric heaters to get sufficient Hot Water for all of your family members.

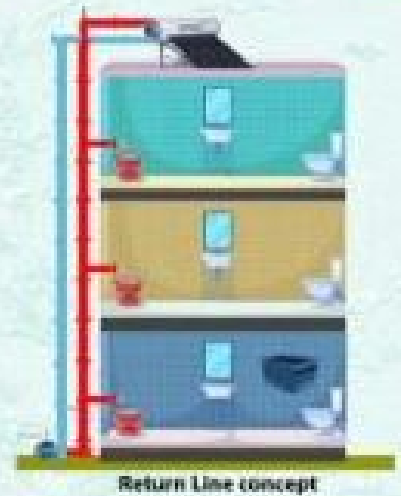


**This controller-based Hybrid product gives hassle free service to customers any climatic condition through solar integrated electrical heaters.**

### Commercial Users: Return line / circular line concept

The customers make return line plumbing, the digital controller is monitoring temperature in the pipe line and also set the bathing time.

Hot water stored in the insulated tank of Solar water heater is delivered at various usage points by connecting a network of insulated pipelines. Nuetech Solar Systems has developed a technique to deliver instant hot water in the pipeline to avoid water wastage and also provide hot water as soon as the tap is opened.



### Domestic User: Instant hot water by remote control with solenoid valve



### Remote control Push Button

This smart system will have a small solenoid valve which is installed before the hot water tap or last end of hot water pipeline. This valve is controlled by the digital control system. Customers, going before bath, press the remote control push button, the immediately valve is open, the stagnant cold water deliver to cold water sump or any desired utility usage point. Instant hot water is available in all bathrooms. (normally as factory setting is 35 degree) customer can change the set temperature as per their requirements.

### Salient features of the Digital Controller Hybrid Solar Water Heater

1. The heater automatically turns on / off depending on the set temperature and time
2. An LCD display is provided to monitor temperature, timing and real-time date
3. Maintains the specified temperature at the specified time
4. Simple and easy to change the required temperature and heater on-off time using mobile application and also manually on the system.
5. Tank water temperature and tank outlet water temperature can be viewed any time of the day.
6. Return line concept to get instant hot water on turn of the tap.
7. Heater and Return line ON/OFF indication is provided on the front panel
8. Remote operation for return line water control
9. Robust design for long life and outdoor operation
10. High efficiency with low power consumption

Together with Digital logical control system and the return line system Nuetech Digital Solar water heater system is unique and is the latest in the market because of the pioneering research at the Research center of Nuetech Solar System Pvt Ltd, Bangalore, India.