

**SOLAR MAC® 7 PURITY OF WATER WITH PERFECTION**

**The Pioneers of Seaclor Mac® water disinfection systems in India**



SOLAR MAC® 7



Remote village water disinfection project



Certificated ISO 9001:2000 Company



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**DE NORA** has brought to India the latest technologies in Electrochemical Processes. Over 600 units of SEACLOR MAC® are in operation in INDIA at various sites providing disinfected safe water to thousands of people. SOLAR MAC® Electrochlorinators are designed to generate hypochlorite for a wide range of applications in safe, low cost, reliable and portable packages. These units need salt and water and will run on solar energy.

**KEY FEATURES**

- Caters to remote villages water needs where there is no electricity
- Can disinfect 36000 litres@ 1.5 ppm per day
- Can meet the needs of drinking water for 6000 people per day
- Generates 54 gms of chlorine per batch (8 Hrs)

**APPLICATIONS**

- Disinfection of potable water
- Supply and production of Sodium hypochlorite for general disinfection

**PROCESS**

Electrochlorination is a process where common salt (sodium chloride) is converted to low strength sodium hypochlorite by electrolysis:



**THE SYSTEM CONSISTS OF**

- Generator Module/Electrolyser equipped with DSA®
- Solar cell panel
- Solar Rectifier
- Battery
- Power cables

De Nora India limited is registered with GEDA (Goa Energy development agency) as manufacturers of chlorinators based on solar photo voltaic power.

