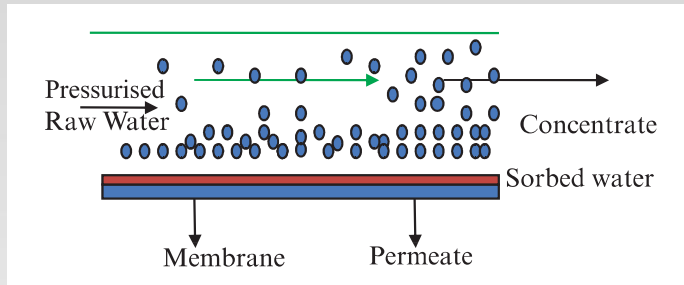
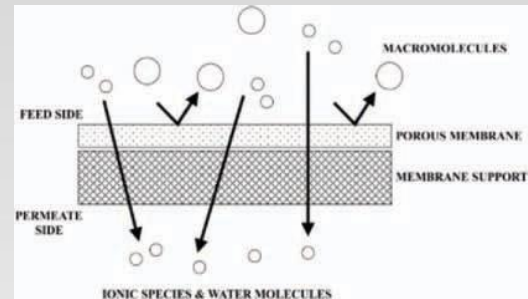


# Solar Photo-Voltaic (PV) Driven RO/UF unit

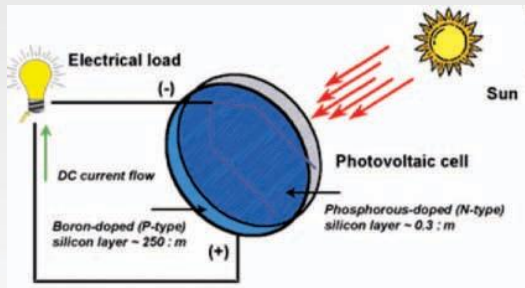
Application : For removal of suspended particles and dissolved salts ( up to 1000 mg/l)



**Working of Reverse Osmosis (RO)**



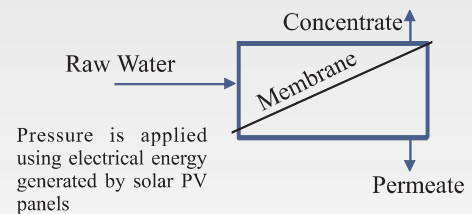
**Working of Ultra Filtration (UF)**



**Working of photovoltaic (PV) cell**



**RO/UF Unit with PV Panels**



**Schematic of RO/UF Unit**

## Typical Performance Data of the RO Unit

Parameters	
Feed Flow (lit/min)	0.4
Product Flow (lit/min)	0.15
Feed Salinity (ppm)	1000
Product Salinity (ppm)	90 -100
Pressure (bar)	3-4

## Typical Performance Data of the UF Unit

Parameters	
Feed Flow (lit/min)	1
Product Flow (lit/min)	1
Feed Turbidity (NTU)	50
Product Turbidity (NTU)	1
Pressure (bar)	1 - 2

For further details contact :

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