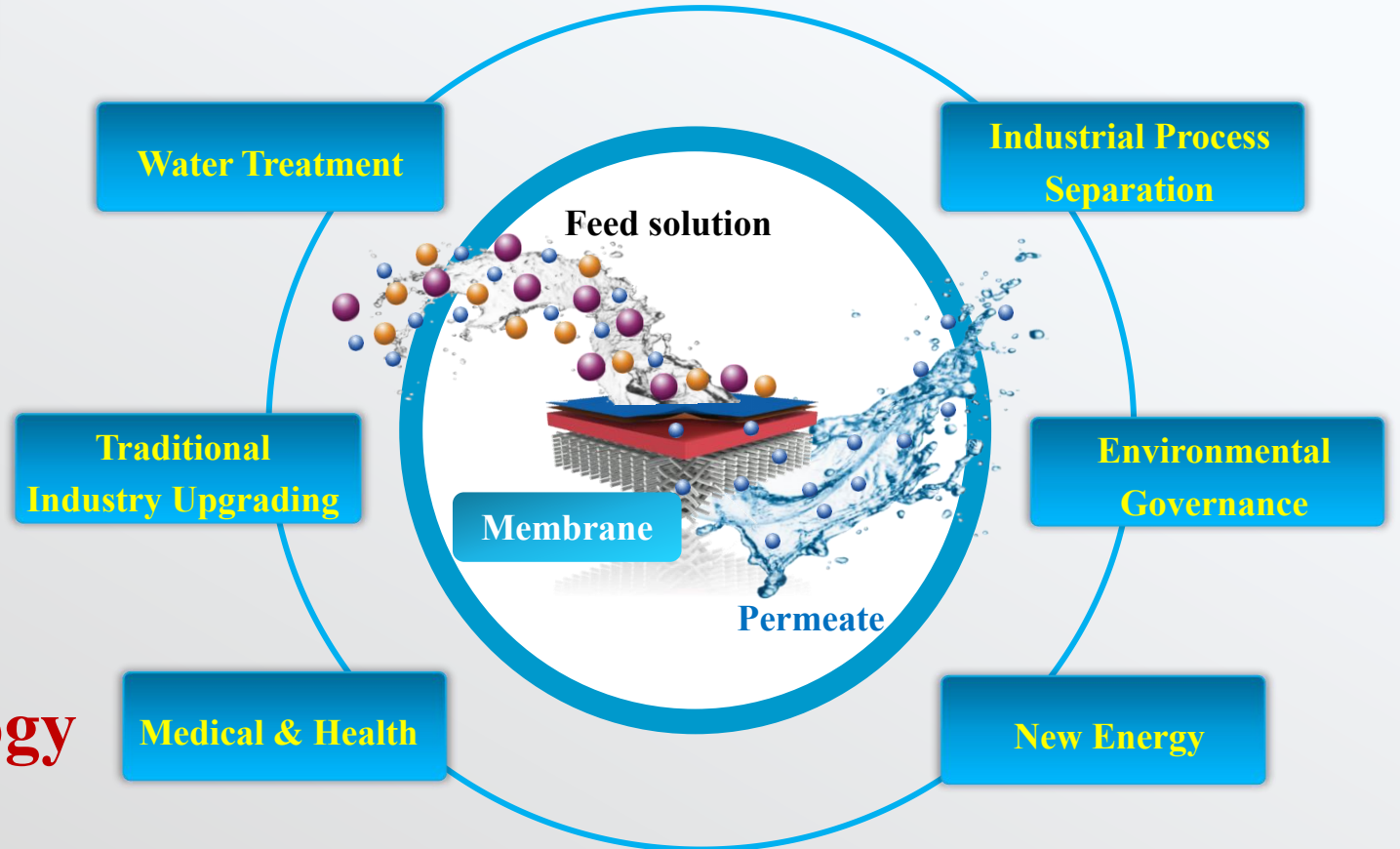


# Anhui Cooperate Environment Technology Products Introduction



**Focus on Membrane Technology**

# Containerized Pure Water System



Model No.	KBR-CPWS-PW300
Capacity	300m <sup>3</sup> /day
Feedwater Connection	DN80
RO Permeate Connection	DN50
RO Concentrate Connection	DN40
Length	6058mm
Width	2438mm
Height	2896mm
Container Size	20(ft)

# Containerized Pure Water System (300m<sup>3</sup>/day)

Name / Item	Capacity	Feedwater Connection	RO Permeate Connection	RO Concentrate Connection	L*W*H	Container Size
KBR-CPWS-PW300	300m <sup>3</sup> /day	DN80	DN50	DN40	6058*2438*2896mm	20(ft)
Process Description	Tap water/Groundwater----Quartz Sand Filtration---Carbon Filtration----BWRO---Fresh Water					
Power Supply	Voltage: 220V/380V/440V, 50~60Hz, three-phase; Protection level: IP54					
System Features	<ul style="list-style-type: none"> <li>➤ Siemens Global Screen 10" color display, touch screen control</li> <li>➤ Siemens smart200 PLC, RS232/NET communication</li> <li>➤ High pressure pump configuration inverter</li> <li>➤ Automatic water rinse when shutting down</li> </ul>			<ul style="list-style-type: none"> <li>➤ CIP cleaning system</li> <li>➤ Automatic dosing system</li> <li>➤ Modular equipment, plug and play</li> <li>➤ Remote monitoring system</li> </ul>		
Key Parameters	<ul style="list-style-type: none"> <li>➤ Recovery Rate.....60%-75%</li> <li>➤ Desalination Rate..... ≥ 99.0%</li> <li>➤ Raw water TDS.....&lt;1000 ppm</li> <li>➤ Permeate TDS..... &lt; 10 ppm</li> </ul>			<ul style="list-style-type: none"> <li>➤ Design Temperature.....25° C</li> <li>➤ Operating Temperature.....15-40° C</li> <li>➤ Working Pressure..... &lt; 1.5 MPa</li> </ul>		
Documents	<ul style="list-style-type: none"> <li>➤ Operation and Maintenance Manual</li> <li>➤ Certificate of Conformity</li> <li>➤ Process Flow Diagram,</li> </ul>			<ul style="list-style-type: none"> <li>➤ Electrical Diagram</li> <li>➤ Assembly Drawing</li> </ul>		
Material	<ul style="list-style-type: none"> <li>➤ High Pressure Pipeline.....SS304</li> <li>➤ Low Pressure Pipeline.....UPVC or PP</li> <li>➤ Frame.....SS304 or CS+Anti-corrosion</li> </ul>			<ul style="list-style-type: none"> <li>➤ Electric Control Cabinet.....IP54 CS+Anti-corrosion</li> <li>➤ Pretreatment filter.....FRP</li> <li>➤ Pressure vessel.....FRP, 21bar (300psi)</li> </ul>		

# Case 1-Containerized Pure Water System Cases

The Containerized Pure Water System is designed and constructed on a reduce footprint, generally adopting membrane treatment system. By using new innovation of integrated Membrane treatment with Softening resin.

Client	Russia	
	Feed Water	Effluent Water
Capacity (m3/d)	1500	960
Turbidity	24.6	ND
Salt Content (mg/L)	247.0	ND
Total Hardness (mg/L)	10.0	<0.01
Applied Pressure (Bar)	<5	-

