

# LBE-P50LC-Series Stack

Features	Specifications
Long Lifetime	<b>Model:</b> LBE-P50LC
<b>Pressure:</b> Max 10bar	<b>Hydrogen Production rate:</b> 190 L/min
<b>High Efficiency:</b> 99~89%	<b>Water Type:</b> Distilled or Deionized Water (lower than 1 mS/cm)
The Stack can be customized from 1 to 100 cells	<b>Current Density:</b> 1~2A/cm <sup>2</sup> @1.8V
<b>Fitting:</b> Easy to install with "3/8" NPT fitting	<b>Voltage range :</b> 85 ~100V per cell
<b>Membrane:</b> Gore Select Membrane	<b>Active Area:</b> 330cm <sup>2</sup>
<b>Material:</b> Anodizing Aluminum Ti	<b>Power Range:</b> 42.5KW~50KW
<b>H2 Purity:</b> higher than 99.99% (except humidity)	<b>Water Consumption:</b> 8~5 liters per hour (assumed recycling water in H2 chamber)
	<b>Dimension:</b> 218L*385W*305H(mm)
	<b>Ambient temperature:</b> 5~35 °C
	<b>Flow rate:</b> 10~20LPM
	<b>Operating temperature:</b> 10~60°C