

# System Specifications

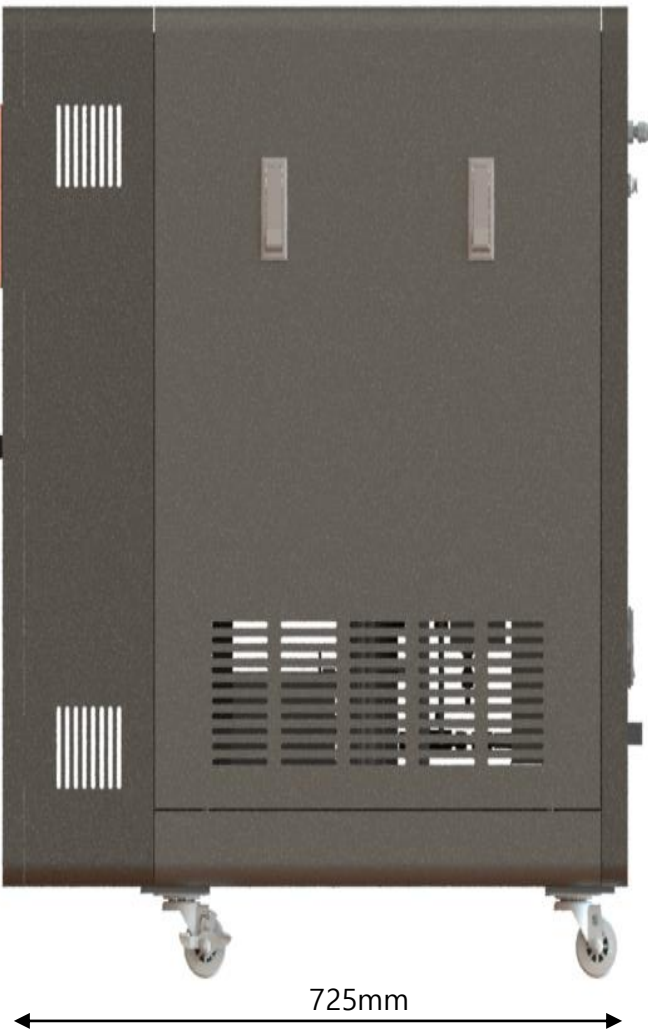
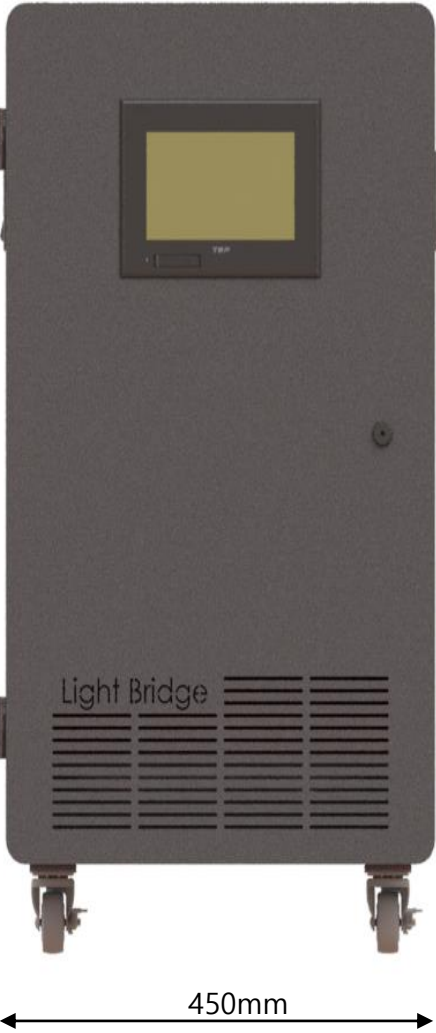
## LBEX-P2K



## Features

- Highly Cost efficient
- Long lifetime
- High performance PEM water electrolysis system
- Expandable to customers desired power range
- Optional features: external tank, ultra purifier, chiller, distilled water supply

# System Dimensions



Specification	Contents	ETC
H2 output	500L per hour 44.7 grams per hour	
O2 output	250L per hour 358 grams per hour	
H2 Purity without purifier	99.97~99.99%	
O2 Purity	99%	
H2 purity with purifier	99.999%	
Circulation flow rate	2 ~ 2.5L per minute / stack	
Power capacity range	< 2.5KW	
Stack Operational Voltage	40.8~48V / stack	
Stack Operational Current	0~50A	
Current Density range	1~2A/cm <sup>2</sup>	
Stack type	PEM 24 Cell	1PC
Inlet water pressure	1 atm	
Inlet water type (ASTM)	Type I distilled water	Resistivity (18MΩ-cm) Conductivity (<0.1 μS/cm)
Water Consumption	0.4L per hour	
Adjustable pressure	0~5 barg	
Shutdown time	10 minutes	
Ambient operating temperature	15~35°C	
Electrolyte inlet Temperature	10~60°C	
Dimensions	767*450*725 (mm)	(L*W*H)
Weight	100kg	