











## PEM Fuel Cell Specifications

No.	Model&Name	Parameters	Photos
1	<b>PEM Fuel Cell Stack</b> <b>PEM-12W</b>	Type: PEM Power: 12W Cell number: 13 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 0.18L/min Weight: 275g Dimensions: 75*47*70mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power	
2	<b>PEM Fuel Cell Stack</b> <b>PEM-20W</b>	Type: PEM Power: 20W Cell number: 13 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 0.28L/min Weight: 275g Dimensions: 75*47*70mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power	
3	<b>PEM Fuel Cell Stack</b> <b>PEM-30W</b>	Type: PEM Power: 30W Cell number: 14 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 0.42L/min Weight: 280g Dimensions: 80*47*75mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power	

<p><b>4</b></p>	<p><b>PEM Fuel Cell Stack PEM-100W</b></p>	<p>Type: PEM Power: 100W Cell number: 20 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 1.3L/min Weight: 1290g Dimensions: 118*104*94mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power</p>	
<p><b>5</b></p>	<p><b>PEM Fuel Cell Stack PEM-200W</b></p>	<p>Type: PEM Power: 200W Cell number: 40 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 2.6L/min Weight: 2230g Dimensions: 118*183*94mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power</p>	
<p><b>6</b></p>	<p><b>PEM Fuel Cell Stack PEM-300W</b></p>	<p>Type: PEM Power: 300W Cell number: 60 Reactant: Hydrogen and air Cooling ways: air cooling Hydrogen pressure: 0.45-0.55Bar Max hydrogen flow: 3.9L/min Weight: 2790g Dimensions: 118*262*94mm Purity of Hydrogen: 99.995% (Dry) Start time: ≤30S System efficiency: 40% of full power</p>	

7	<p><b>PEM Fuel Cell Stack PEM-500W</b></p>	<p>Type: PEM            Power: 500W            Cell number: 60            Reactant: Hydrogen and air            Cooling ways: air cooling            Hydrogen pressure: 0.45-0.55Bar            Max hydrogen flow: 6.5L/min            Weight: 2520g            Dimensions: 130*268*123mm            Purity of Hydrogen: 99.995% (Dry)            Start time: ≤30S            System efficiency: 40% of full power</p>	
8	<p><b>PEM Fuel Cell Stack PEM-1000W</b></p>	<p>Type: PEM            Power: 1000W            Cell number: 48            Reactant: Hydrogen and air            Cooling ways: air cooling            Hydrogen pressure: 0.45-0.55Bar            Max hydrogen flow: 13L/min            Weight: 4kg            Dimensions: 219*268*123mm            Purity of Hydrogen: 99.995% (Dry)            Start time: ≤30S            System efficiency: 40% of full power</p>	
8	<p><b>PEM Fuel Cell Stack PEM-2000W</b></p>	<p>Type: PEM            Power: 2000W            Cell number: 48            Reactant: Hydrogen and air            Cooling ways: air cooling            Hydrogen pressure: 0.45-0.55Bar            Max hydrogen flow: 26L/min            Weight: 10kg            Dimensions: 303*350*183mm            Purity of Hydrogen: 99.995% (Dry)            Start time: ≤30S            System efficiency: 40% of full power</p>	

<p>8</p>	<p><b>PEM Fuel Cell Stack PEM-3000W</b></p>	<p>Type: PEM            Power: 3000W            Cell number: 72            Reactant: Hydrogen and air            Cooling ways: air cooling            Hydrogen pressure: 0.45-0.55Bar            Max hydrogen flow: 39L/min            Weight: 15kg            Dimensions: 418*350*183mm            Purity of Hydrogen: 99.995% (Dry)            Start time: ≤30S            System efficiency: 40% of full power</p>	
<p>9</p>	<p><b>PEM Fuel Cell Stack PEM-5000W</b></p>	<p>Type: PEM            Power: 5000W            Cell number: 120            Reactant: Hydrogen and air            Cooling ways: air cooling            Hydrogen pressure: 0.45-0.55Bar            Max hydrogen flow: 65L/min            Weight: 30kg            Dimensions: 650*350*212mm            Purity of Hydrogen: 99.995% (Dry)            Start time: ≤30S            System efficiency: 40% of full power</p>	