

# FUEL CELL PRODUCTS

## 10kw Mobile Power Generator

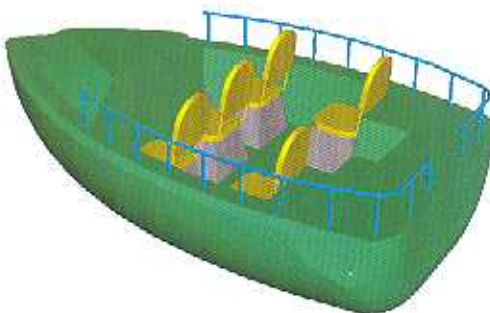
<b>Performance</b>	Net power output	10kw
	Voltage*	115v 88v
	Current*	0—120A
	Efficiency	> 50%(Fuel to DC power, LHV)
<b>Operating Environment</b>	Temperature	Climate temperature 0℃—55℃
	Relative humidity	0%—100%
	Pressure	Ambient air and hydrogen
	Dimensions	700mm × 550mm × 720mm (Which could be adjusted on customer's order)
<b>Physical</b>	Weight	120kg
<b>Emission</b>	Noise	< 60dB
<b>Fuel</b>	Type	Gaseous Hydrogen
	Storage options	Compressed gas cylinders or metal hydride



# FUEL CELL PRODUCTS

## 11seats Fuel Cell Tourist Cart or Boat

<b>Performance</b>	Power output	10kw
	Efficiency	> 50%(Fuel to DC power, LHV)
	Temperature	Climate temperature 0℃—50℃
<b>Operating Environment</b>	Relative humidity	0%—100%
	Pressure	Ambient air and hydrogen
	Dimensions	4200mm × 1500mm × 1800mm
<b>Physical</b>	Range	200km
	Weight of fuel cell power plant	120kg
<b>Emission</b>	Noise	< 60dB
<b>Fuel</b>	Type	Gaseous Hydrogen
	Storage options	Compressed gas cylinders/ Metal hydride
<b>Control System</b>		CAN BUS control



## The 3rd Generation 60kw Engine for FC Car

Performance	Net power output	50kw
	Maximum stable power output	60kw
	Voltage*	320v—400v
	Current*	0—200A
Operating Environment	Efficiency	> 50%(Fuel to DC power, LHV)
	Temperature	Climate temperature 0℃—50℃
	Relative humidity	0%—100%
	Working Temperature	60℃—80℃
Physical	Pressure	Ambient air and low pressure hydrogen
	Product dimensions(L × W × H)	980mm × 1130mm × 380mm
	Stack dimensions	820mm × 440mm × 275mm
Fuel	Product weight	254kg (include one hydrogen container)
	Type	Gaseous Hydrogen
Control System	Storage options	Compressed gas cylinders
		CAN BUS control



## FUEL CELL PRODUCTS

### 100KW Fuel Cell Bus Engine

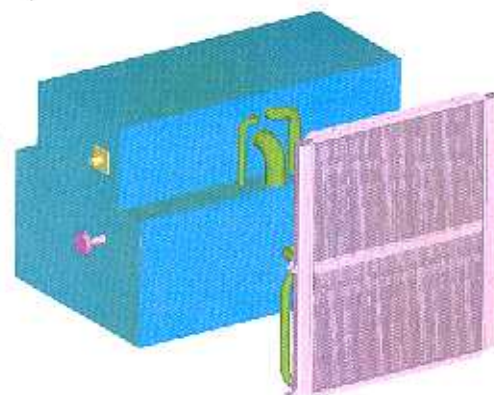
Performance	Net power output	100kw
	Maximum stable power output	120kw
	Peak power	150kw
	Voltage*	300v—480v
Operating Environment	Current*	0—400A
	Efficiency	45%—52%(Fuel to DC power, LHV)
	Temperature	0℃—50℃
	Relative humidity	0%—100%
Physical	Working Temperature	60℃—80℃
	Pressure	Ambient air and low pressure hydrogen
	Product dimensions(L × W × H)	1040mm × 680mm × 690mm × 2
Emission	Product weight	560kg(without a driving electromotor)
Fuel	Noise	76dB
	Type	Gaseous Hydrogen
Control System	Storage options	Compressed gas cylinders
		CAN BUS control



# FUEL CELL PRODUCTS

## 60kw Power Generator

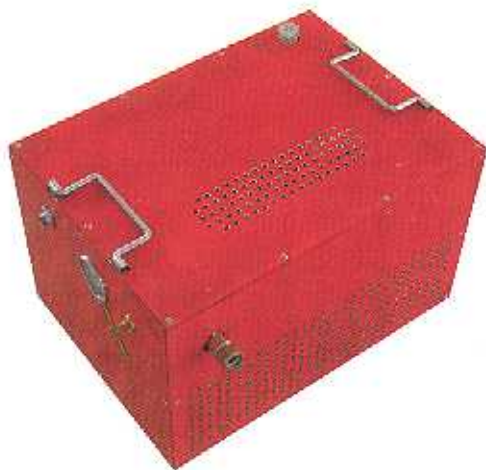
Performance	Net power output	50kw
	Maximum peak power output	60kw
Operating Environment	Voltage*	310v—480v
	Current*	0—200A
	Efficiency	50%(Fuel to DC power, LHV)
	Temperature	Climate temperature 0℃—50℃
	Relative humidity	0%—100%
	Working Temperature	60℃—80℃
	Pressure	Ambient air and hydrogen
Physical	Product dimensions	1040mm × 680mm × 690mm
	Product weight	280kg
	Noise	70dB
Fuel	Type	Gaseous Hydrogen
	Storage options	Compressed gas cylinders
Control system		CAN BUS control



# FUEL CELL PRODUCTS

## 3000w Mobile Power Generator

Performance	Net power output	3000w
	Voltage*	48v—80v
Operating Environment	Current*	0—54A
	Efficiency	50%(Fuel to DC power, LHV)
	Temperature	Climate temperature 0℃—55℃
	Relative humidity	0%—100%
	Pressure	Ambient air and hydrogen
	Dimensions	525mm × 385mm × 325mm
	Weight	50kg
Emission	Noise	< 60dB
	Type	Gaseous Hydrogen
Fuel	Storage options	Compressed gas cylinders or metal hydride
	Character	Cooling System
	Control	Automatic or CAN bus control



# FUEL CELL PRODUCTS

## 100w Portable Power Generator

Performance	Net power output	100w(AC)
	Voltage*	220v
	Current*	0.4—0.5A
	Efficiency	> 50%(Fuel to DC power, LHV)
Operating Environment	Temperature	Climate temperature 0°C—40°C
	Relative humidity	0%—100%
	Pressure	Ambient air and hydrogen
Physical	Dimensions	240mm × 220mm × 180mm
	Weight	6.1kg
Emission	Noise	< 60dB
Fuel	Type	Gaseous Hydrogen
	Storage options	Compressed gas cylinders or metal hydride



# FUEL CELL PRODUCTS

## 200w Portable Power Generator

Performance	Net power output	200w(AC)
	Voltage*	220v
	Current*	0.8—1A
	Efficiency	> 50%(Fuel to DC power, LHV)
Operating Environment	Temperature	Climate temperature 0°C—40°C
	Relative humidity	0%—100%
	Pressure	Ambient air and hydrogen
Physical	Dimensions	240mm × 220mm × 180mm
	Weight	8kg
Emission	Noise	< 60dB
Fuel	Type	Gaseous Hydrogen
	Storage options	Compressed gas cylinders or metal hydride

