



Tel: 0086-21-3955 6310

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: 06/01/2011



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Type	Based on Pearl's PASH technology	
Performance	Rated power	50W*
	Rated voltage	19.2V
	Rated current	2.6A
	DC Voltage range	16-30V
	Efficiency	≥50
Fuel	Pure hydrogen	≥99.95
	Pressure	0.4 –0.5bar
	Hydrogen consumption	0.85L/min(rated power)
Oxidant/coolant	Air	
	Pressure	Ambient Pressure
Stack Physical	Mass	450g
Characteristics	Length×width×height	
Operation	Environment temperature	-5—40
Condition	Relative Humidity	20 95



220

220

Type	Based on Pearl's PASH technology	
Performance	Rated power	220W*
	Rated voltage	24V
	Rated current	9.2A
	DC Voltage range	20-38V
	Fuel Efficiency	≥50
Fuel	Pure hydrogen	≥99.95
	Pressure	0.4–0.5bar
	Hydrogen consumption	3L/min
Oxidant/coolant	Air	
	Pressure	Ambient Pressure
Physical	Mass	1800g
Characteristics	Length×width×height	
Operation	Environment temperature	-5 40
Condition	Relative Humidity	10 95



320

320

Type	Based on Pearl's PASH technology		
Performance	Rated power	320W*	
	Rated voltage	24V	
	Rated current	13.3A	
	Voltage range	20-38V	
	Efficiency	≥50	
Fuel	Pure hydrogen	≥99.95	
	Pressure	0.4-0.5Bar	
	Hydrogen consumption	4.1L/min(rated power)	
Oxidant/coolant	Air		
	Pressure	Ambient Pressure	
Physical	Mass	2760g	
Characteristics	Length×width×height	236mm	84mm 138mm
Operation	Environment temperature	-5 —40	
Condition	Relative Humidity	10	95



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-1000

-1000

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Type	Based on Pearl's PASH technology	
Performance	Rated power	1000W*
	Rated voltage	36 V
	Rated current	27.8 A
	DC Voltage range	30-59V
	Efficiency	≥.



-3000

3000

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Based on Pearl's PASH technology			
Performance	Rated power		
	Rated voltage		
	Rated current		
	DC Voltage range		
	Efficiency		
	Pure hydrogen		
	Pressure		
	Hydrogen consumption		
Oxidant/coolant	Air		
	Pressure	Ambient Pressure	
Physical	Mass		
Characteristics	Length×width×height	550	250 200mm
Operation	Environment temperature		
Condition	Relative Humidity		
Accessory	Length×width×height	230mm	170mm 150mm
	Weight	4 kg	
	Accessories	Controller, electromagnetic valve, DC/DC for fans	



5000

5000

Type	Based on Pearl's PASH technology		
Performance	Rated power	5000W	
	Rated voltage	60V	
	Rated current	83.5A	
	DC Voltage range	50-96V	
	Efficiency	≥50	
Fuel	Pure hydrogen	≥99.95	
	Pressure	0.7-0.8bar	
	Hydrogen consumption	62.5L/min(rated power)	
Oxidant/coolant	Air		
	Pressure	Ambient Pressure	
Physical	Mass*	22 Kg	
Characteristics	Length×width×height		
Operation	Environment temperature	-5 —40	
Condition	Relative Humidity	20 95	
	Length×width×height	230mm	170mm 150mm
Accessory	Weight	4	