



PEM FUEL CELL MATERIAL/CELL TESTING

FOR HYDROGEN ENERGY

PEM FUEL CELL MEA TESTING

PEM FUEL CELL SINGLE CELL TESTING





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SPECIFICATIONS

DUT	PEM FUEL CELL MEA		PEM FUEL CELL SINGLE CELL		
					
Model	PM100W	PM100WH	PM500WL	PM500W	PM2
Min Power/kW	0.005	0.005	0.025	0.025	0.1
Max Power/kW	0.1	0.1	0.5	0.5	2
H ₂ Flow/NLPM	1.5	2	15	20	50
Air Flow/NLPM	2.5	5	32	40	120
Inlet DP/°C	90	90	90	90	90
Gas Temp/°C	100	100	100	100	100
Coolant/LPM			1.5	2	5
Current/A	120	150	750	750	1000
Cell#	1	1	4	4	10
Stack Temp/°C	90	90	90	90	90
Gas Pressure/kPag	300	300	300	300	300
Cell Hardware	O	O	O	O	
Endplate Heating	Y	O	O	O	
0V Operation	O	O	O	O	O
Cell Reverse	O	O	O	O	O
EIS	O	O	O	O	O
HFR	O	O	O	O	O
Rapid Humid					O
Dynamic Pressure			O	O	O
Anode Deadend			O	O	O
Cold Start					
Water Balance					O

* O represents optional features, Y represents standard features