



PEM ELECTROLYZER MATERIAL/CELL TESTING

FOR HYDROGEN ENERGY

PEM ELECTROLYZER MEA TESTING

PEM ELECTROLYZER SINGLE CELL TESTING



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SPECIFICATIONS

DUT	PEM ELECTROLYZER MEA				PEM ELECTROLYZER SINGLE CELL	
						
Model	ELZ500W	ELZ500WN	ELZ500W4C	ELZ500W4CN	ELZ1	ELZ10
Min Power/kW	0.05	0.05	0.05	0.05	0.1	1
Max Power/kW	0.5	0.5	0.5	0.5	1	10
H ₂ Flow/NLPM	1.5	1.5	1.5*4	1.5*4	3	30
Air Flow/NLPM	0.75	0.75	0.75*4	0.75*4	1.5	15
Coolant/LPM	1.0	1.0	1.0*4	1.0*4	2.0	6
Current/A	200	200	200	200	200	400
Stack Temp/°C	90	90	90	90	90	90
Gas Pressure/Barg	50	3	50	3	50	50
Cell#	4	4	4	4	8	10
Cell Hardware	O	O	O	O	O	
EIS	O	O			O	
HFR	O	O			O	
Pressure Boost	O		O		O	O
H ₂ Mix	O	O			O	
Water Balance						
Gas Analyze	O	O	O	O	O	O
Dual Coolant	O	O	O	O	O	O
DI Polish	Y	Y	Y	Y	Y	Y
High Accuracy Power Supply	O				O	O

* O represents optional features, Y represents standard features