

# AEROSTAK

## ULTRA-LIGHT FUEL CELLS



STANDARD SIZES AND POWER  
CONFIGURATIONS

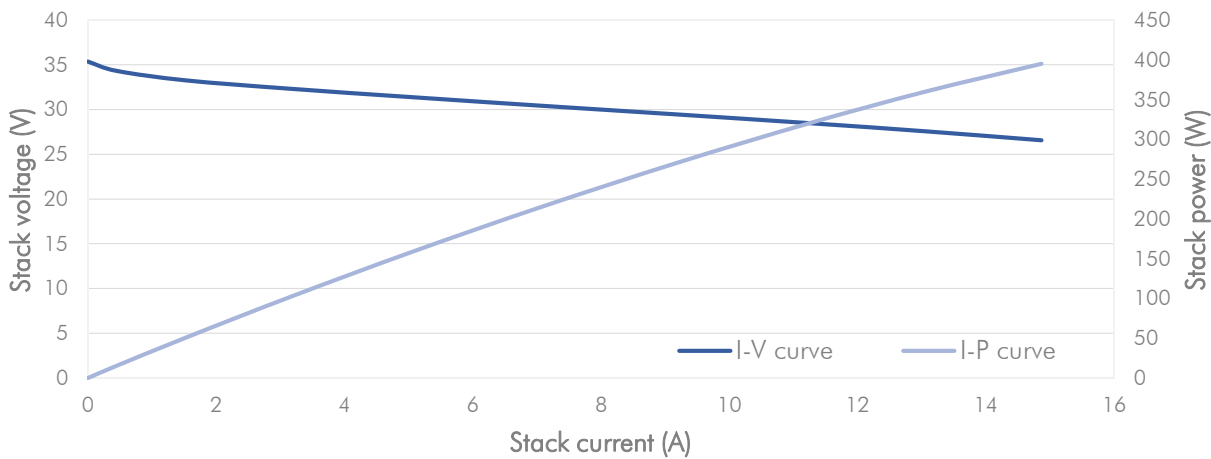
# AEROSTAK 250



## SPECIFICATIONS

Rated Power	250W
Peak Power	300W
Voltage Range	22.2 V – 34 V
Ambient temperature	0-35°C
Cooling	Air (Integrated fan)
Total system weight	730g
Stack size (with casing)	110mm x 120mm x 124mm
Hydrogen Input Pressure	0.5 to 0.7 bar
Hydrogen purity required	99.999%
Hydrogen max. consumption	<3.8 L/min
Start up time	< 30s
Hybrid LiPo	6S

## I-V CURVE



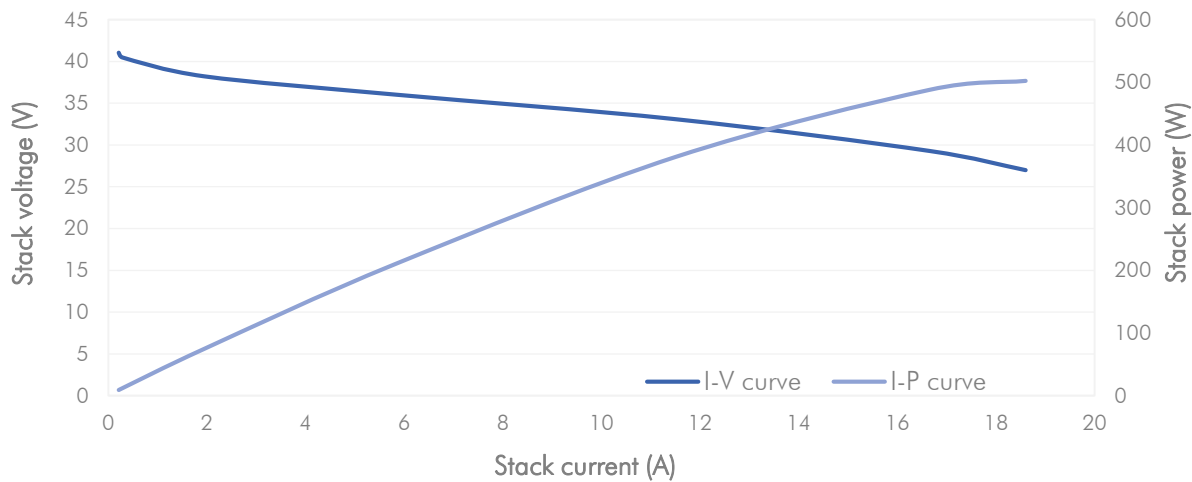
# AEROSTAK 500



## SPECIFICATIONS

Rated Power	500W
Peak Power	600W
Voltage Range	27 V – 41.4 V
Ambient temperature	0-35 °C
Cooling	Air (Integrated fan)
Total system weight	1300g
Stack size (with casing)	194mm x 105mm x 166mm
Hydrogen Input Pressure	0.5 to 0.7 bar
Hydrogen purity required	99.999%
Hydrogen max. consumption	<7.6 L/min
Start up time	< 30s
Hybrid LiPo	7S

## I-V CURVE



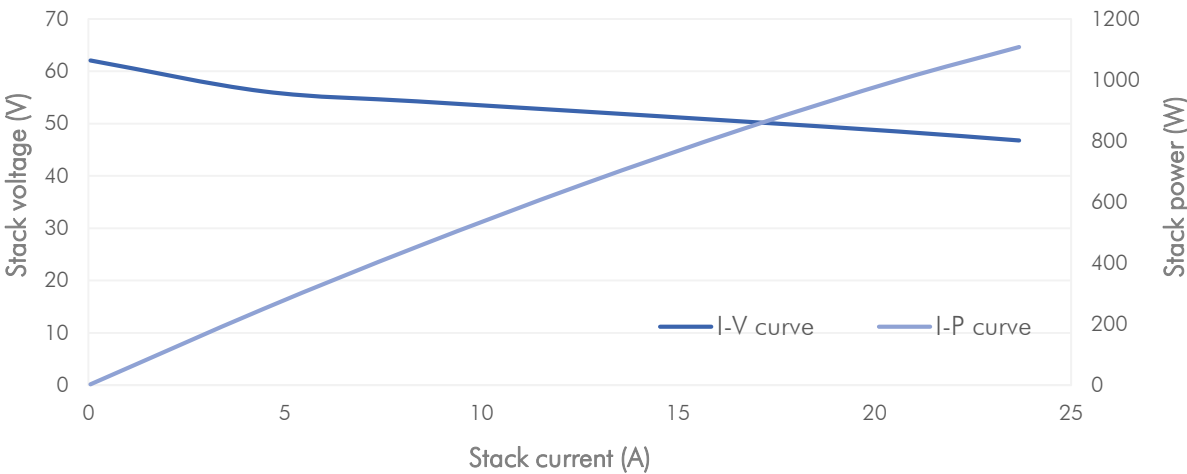
# AEROSTAK 1000



## SPECIFICATIONS

Rated Power	1000W
Peak Power	1300W
Voltage Range	39 V – 59.8 V
Ambient temperature	0-35°C
Cooling	Air (Integrated fan)
Total system weight	1770g
Stack size (with casing)	194mm x 127mm x 185mm
Hydrogen Input Pressure	0.5 to 0.7 bar
Hydrogen purity required	99.999%
Hydrogen max. consumption	<15.2 L/min
Start up time	< 30s
Hybrid LiPo	10S

## I-V CURVE





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