Power ranges from 50W to 1MW
Featuring Emerald™ control software
Fully automated for unattended operation
Easily expandable for additional I/O and diagnostic tools
Automated hardware and software safety features
Inert gas purge system
Remote monitoring and control
Available CE certificate of conformity
Performance Commitment: At Greenlight, we pride ourselves on making the world’s best battery testing equipment. We are committed to your satisfaction and we will do whatever it takes to meet or exceed your expectations.

ETS Series Features

» Anode and cathode DI water supply with optional recirculation
» DI water and gas separation on outlet
» Pressurized control on both anode and cathode
» In-line oxygen and hydrogen gas sampling
» Nitrogen purge and pre-pressurization
» Optional oxygen and hydrogen collection tanks
» Optional gas chromatography available

Emerald™
» User friendly control interface
» Emerald™ Automation Language with Script Writer using boolean and simple English language commands
» Load Cycle Importer for converting load profiles into automated test scripts

Specifications

Includes 3 levels of safety:

1. Hard-wired interlocks with manual emergency stop
2. Factory software interlocks
3. User-configurable software interlocks (warning high/low alarms and shut-down high/low alarms)

Optional:

» Gas detection
» Flame detection
» Fire suppression

<table>
<thead>
<tr>
<th>POWER RANGE</th>
<th>50W - 1MW</th>
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<tbody>
<tr>
<td>WATER FLOWS</td>
<td>Anode and cathode DI water supply with metering pumps</td>
</tr>
<tr>
<td>PRESSURE CONTROL</td>
<td>Up to 50 bar (725 psi), with N² pre-pressurization control</td>
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<tr>
<td>STACK COOLING</td>
<td>Anode and Cathode DI water cooling with recirculation</td>
</tr>
<tr>
<td>POWER SUPPLY</td>
<td>Constant current, constant voltage, up to 1000A and 1000V or more</td>
</tr>
<tr>
<td>DATA ACQUISITION SYSTEM</td>
<td>Cell voltage and temperature</td>
</tr>
<tr>
<td>DIMENSIONS (L x W x H) approximate</td>
<td>1400 x 1130 x 1800 mm (54 x 45 x 72 in) (Additional frame sizes available)</td>
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