“Battery Programmable Brain” (BPB)

The “Battery Programmable Brain” (BPB) unit is an innovative accessory that easily installs to any battery. It has the ability to control Lithium Ion batteries, lead acid batteries or any other type of battery to ensure the battery is operating properly. The BPB uses unique micro-electronic technology and patented software to continually monitor the battery power, health and temperature. When The “Battery Programmable Brain” (BPB) detects power falling below a safe level, it automatically isolates the battery from the electrical system. This will ensure the battery always has enough power to start the engine. It operates in a safe zone to prolong the battery life. Since the BPB has programmable options it can send an alarm signal to a led button or a buzzer. The BPB is for both vehicles and boats and can be incorporated for storage of energy from wind and solar plants.

The “Battery Programmable Brain” (BPB)

Technical Specifications
*DIMENSIONS
W = 2” (5cm)  W = 2 3/8” (6 cm), L= 2 ¼” (5.5 cm)

*WEIGHT
The unit weight: 175gm, Accessories 280gm, Packaging 3gm;
Total weight 458gm (1lb).

*MATERIAL  AP66. A none combustible, none flammable material.

*WATER PROOF: IP 66

*ELECTRICAL CURRENT SPECIFICATIONS
Operational Current Consumption 100 Micro A. After disconnect: 10 Micro A. (BPB T3 is using 3 mili A at all times)
Maximum current draw for 15 consecutive seconds: 1000 Amps,
Continuous current draw: 250 Amps.
Disconnect low Voltage preset: 11.8V. (It can be changed using STRS Energy Programmer; the disconnecting voltage is changeable in increments of 0.1V between 9V to 32V.with delay time from 1sec to 600 sec)
The preset Delay form detecting 11.8V to complete disconnect is 30 seconds.
Upper voltage disconnect 14.5V Delay 5 sec. (It can be changed using STRSEnergy Programmer)
Temperature protection Disconnect: low -10°C Auto reconnect at -5°C. High 60°C reconnect at 55°C (It can be changed using STRSEnergy Programmer)

*OPERATIONAL TEMPERATURE RANGE
-40°F (-40°C) to 257°F (125°C).

*For storage purposes or to act as an anti-theft device.
The BPB has the ability to disconnect the battery (or any power source) from the electrical system by using a remote control (T3) or a push button (T4, T4RV, HD),
The BPB can react as Alarm device only the Alarm will reset itself when the voltage, current, or temperature (the alarm reason) gets back to normal.

The “Battery Programmable Brain” (BPB) is Made in Israel. (Moshav Tal Shahar) China (Zhuhai), Irea and the USA (New Jersey).

*All units Data

<table>
<thead>
<tr>
<th>BPB Type</th>
<th>Dimensions A, b, h</th>
<th>Weight Kg</th>
<th>current Max A. in 15 sec</th>
<th>Current Continues</th>
<th>Current A at disconnect</th>
<th>Reset power method</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2</td>
<td>21/4”X23/8”X2”</td>
<td>450gr</td>
<td>1000A</td>
<td>250A</td>
<td>10 Micro A</td>
<td>*RC (fab)</td>
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<tr>
<td>T3</td>
<td>21/4”X23/8”X2”</td>
<td>450gr</td>
<td>1000A</td>
<td>250A</td>
<td>100 Micro A</td>
<td>*RC</td>
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<tr>
<td>T4</td>
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<td>450gr</td>
<td>1000A</td>
<td>250A</td>
<td>10 Micro A</td>
<td>*PB</td>
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<td>HD</td>
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<td>1Kg</td>
<td>2200A</td>
<td>500A</td>
<td>10 Micro A</td>
<td>*PB</td>
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<tr>
<td>Sport</td>
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<td>150gr</td>
<td>500A</td>
<td>80A</td>
<td>10 Micro A</td>
<td>PB</td>
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</tbody>
</table>

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