Saft MP & VL

LI-ION HAUTE PERFORMANCE SAFT

APPLICATIONS:
- Systèmes de tracking, militaire, terminaux portable, radios

CARACTÉRISTIQUES
- Batteries cylindriques ou prismatiques
  - Tension nominale: 3,7v
  - Capacités: de 2,0 à 6,4 Ah
  - Densité d’énergie: 150W/Kg
  - Courant de pulse: jusque 4C
  - Plage de température: de -40 à +85°C

POINTS FORTS
- Densité d'énergie la plus haute
- Légeres et compacts
- Conditions d'utilisation extrêmes
- Validée «militaire»
- Tension stable pendant toute la décharge
- Supporte le stockage prolongé
- Pas de maintenance

Applications: Systèmes de tracking, militaire, terminaux portable, radios

<table>
<thead>
<tr>
<th></th>
<th>ENERGY</th>
<th>EXTREME COLD</th>
<th>EXTENDED LIFE &amp; TEMPERATURE</th>
<th>HIGH TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>VL 34570</td>
<td>MP 144350</td>
<td>MP 174555 Integration</td>
<td>MP 176065 Integration</td>
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<tr>
<td>Form factor</td>
<td>Cylindrical</td>
<td>Prismatic</td>
<td>Prismatic</td>
<td>Prismatic</td>
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<tr>
<td>Nominal voltage</td>
<td>3.7 V</td>
<td>3.75 V</td>
<td>3.75 V</td>
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<tr>
<td>Nominal capacity</td>
<td>5.4 Ah</td>
<td>2.6 Ah</td>
<td>4.8 Ah</td>
<td>6.8 Ah</td>
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<tr>
<td>Max. continuous discharge current</td>
<td>11.0 A</td>
<td>5.0 A</td>
<td>10.0 A</td>
<td>14.0 A</td>
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<tr>
<td>Max. pulse discharge rate</td>
<td>21.0 A</td>
<td>10.0 A</td>
<td>20.0 A</td>
<td>30.0 A</td>
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<tr>
<td>Max. charge current</td>
<td>5.4 A</td>
<td>2.6 A</td>
<td>5.0 A</td>
<td>7.8 A</td>
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<tr>
<td>Cycle life</td>
<td>500 cycles</td>
<td>500 cycles</td>
<td>600 cycles</td>
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<tr>
<td></td>
<td>100% DoD, 20°C</td>
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<tr>
<td>Outside diameter</td>
<td>24.2 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Thickness</td>
<td>-</td>
<td>14.6 mm</td>
<td>18.1 mm</td>
<td>18.6 mm</td>
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<tr>
<td>Width</td>
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<td>43.9 mm</td>
<td>45.5 mm</td>
<td>60.5 mm</td>
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<tr>
<td>Height</td>
<td>59.4 mm</td>
<td>54.5 mm</td>
<td>68.8 mm</td>
<td>68.7 mm</td>
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<tr>
<td>Typical weight</td>
<td>125 g</td>
<td>60 g</td>
<td>103 g</td>
<td>104 g</td>
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<td>Discharge temperature range</td>
<td>-50 / +60°C</td>
<td>-50 / +60°C</td>
<td>-10 / +60°C</td>
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<tr>
<td>Charge temperature range</td>
<td>-20 / +60°C</td>
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Typical values relative to cells stored for one year or less at < 30°C max.
Performances vary according to discharge characteristics (current, duration, frequency), temperature conditions, storage conditions prior to usage and applications acceptable minimum voltage.
## Batteries autonomes

### CARACTÉRISTIQUES
- Module autonome Ni-MH
- Tension module: 12, 24 et 36V
- Capacités: 9 à 30Ah
- Montage en parallèle possible
- Plage de température: -40 à +70°C
- Durée de vie optimisée par microcontrôleur
- LED statut SOC + reporting filaire
- Format rectangulaire et cylindrique
- IP65

### POINTS FORTS
- Plug & Play
- Gestion intelligente de la batterie
- Protéctions intégrées
- Très longue durée de vie
- Connection directe sur PV
- Pas d’entretien
- Peut se loger dans les poteaux
- Enregistrement de l’historique de l’activité
- Pas de restriction de transport
- Technologie «verte»

### Applications:
- Photo-Voltaïque hors réseau, backup, appareil de mesure mobile, éclairage nocturne, signalisation routière, chariots médicaux, station météorologique

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### Modèles 100% AUTOMONES ARTS ENERGY

#### Electrical characteristics

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<tr>
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<th>Mobility module</th>
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<tbody>
<tr>
<td>Voltage</td>
<td>(V)</td>
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</tr>
<tr>
<td>10S</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>20S</td>
<td>24</td>
<td>24</td>
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<tr>
<td>30S</td>
<td>36</td>
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