



Type:..... **V290**
Order No.:..... **05590 101 401**

System:..... **Li-Ion**
Cells:..... **2 x 18650**
Typical Capacity 0.2 C:..... **1600 mAh**
Nominal Voltage:..... **7.2 V**

Application:..... **See VARTA**
Cross Reference Guide

Dimensions:
Length:..... **70.4 mm**
Width:..... **38.1 mm**
Height:..... **20.0 mm**
Weight:..... **99 ± 5 g**

Charge and Discharge Conditions (at 20°C):
Standard Charge:..... **I/U charge: 1295 mA**
for 2.0 h, U=8.4 V
Standard Discharge Current:..... **370 mA, U_{EOD} = 6.0 V**

Housing:
Housing Material:..... **PC**
Housing Color:..... **Titan-dull**
Contact Material:..... **Brass, gold-plated**
Contact Resistance:..... **less than 2 Ohm**

Temperatur Range (recommended):
Storage:..... **-20°C to +25°C**
Charge:..... **0°C to +40°C**
Discharge:..... **-20°C to +60°C**

Electrical Components:
PCB:..... **Safety PCB**
NTC:..... **10 kΩ ± 10%**

Integrated Protection Functions:
Overcharge Prevention Voltage:..... **8.7 ± 0.10 V**
Overdischarge Prevention Voltage:..... **5.0 ± 0.10 V**
Overcurrent Discharge Prevention:..... **> 2.0 A**