

# SATEL<sup>®</sup>-321

## A Battery Package for the SATELLINE Radio Modems

The latest SATELLINE accessory, available for Models 2ASc, 2ASxE, 3AS(d) and 3AS(d) 869 is helpful when using the modems in the field. The radio modem fits inside the SATEL-321 casing. The compact battery package is splash-proof, making an additional weather-resistant box unnecessary.

### Truly Portable

The total weight of the SATEL-321 package including the battery, charger and radio modem is only 1 kilogram. For easy carrying, the casing is equipped with a detachable shoulder strap. The carrying and/or mounting of the SATEL-321 can also be customised.

When used with the SATELLINE-3AS(d) radio modem the SATEL-321 package is provided with either RS-232 or RS-485 serial interface. Accessing the radio modem menu is possible using the operating pushbuttons extended through the casing.

### Quick Charging

Initial charging of the battery to full capacity takes 3 hours, to 90 % level only 1.5 hour. The modem can still be used while charging. The SATEL-321 batteries can be charged from whatever power supply that provides +11...+30 Vdc voltage and minimum 60 W output power. SATEL offers both a standard charger and a car charger. When charging the batteries, the ambient temperature has to be between +5...+40 °C.

The operating time of the modem (typically 8-10 hours) allows even more time-consuming field jobs without recharging. The SATEL-321 casing has indicator lights for Power On (green), Charging (yellow) and Battery Low (red). Low battery charge level is also indicated by an audio signal. SATEL-321 comprises an adaptive capacity meter, for monitoring the battery condition. The user can see at any time the remaining charge level of the battery, when used with the SATELLINE-3ASd.

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### Technical Specifications • SATEL<sup>®</sup>-321

#### BATTERY

Capacity 4.0 Ah  
 Type NiMH  
 Nominal Voltage 8.4 V



#### CHARGING

Control microprocessor controlled  
 Voltage +11...+30 Vdc  
 Time to Full Capacity 3.0 h  
 Time to 90 % Capacity 1.5 h  
 Temperature +5°C...+40°C

#### CONNECTORS

Charger locking 3-pin round push-pull  
 RS-232 / 485 12-pin round push-pull locking

#### CASING

Size H x W x D 162 x 80 x 59 mm  
 Weight inc. Radio Modem 1 kilogram  
 Indicator Lights Power On (green)  
 Charging (yellow)  
 Battery Low (red)

#### GENERAL

Temperature Range -25°C...+55°C  
 Protection Class IP 54

**Values are subject to change without notice.**