

SATEL-321

A New Battery Package Makes SATELLINE Radio Modems Portable

The latest SATELLINE accessory, available for models 2AS, 2ASxE, 3AS(d) and 3AS(d) 869 is beneficial when using the radio modems in the field. The radio modem fits inside the SATEL-321 casing. The compact battery package is splash-proof, and an additional weather-resistant box is no longer needed. 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 shoulder strap. The carrying and/or mounting of SATEL-321 can also be customised.

The SATEL-321 battery package including a SATELLINE-3AS(d) radio modem is provided with either RS-232 or RS-485 serial interface. The radio modem enclosed in the SATEL-321 can be switched ON and OFF using either the SATEL-321 push buttons or through the 12-pin data connector. The model 3ASd can also be configured with the programming push buttons in the casing.

Boot charging of the battery to full capacity takes 3 hours, to 90 % level only 1 hour. Operation of the modem is possible also during charging. The SATEL-321 batteries can be charged from whatever power supply that provides 11 ... 30 Vdc voltage and minimum 60 W output power. Available from SATEL there are a mains-powered charger that operates at 100 ... 240 Vac, and a charging cable for use in vehicles with 12 or 24 V power systems. When charging the batteries, the ambient temperature has to be between +5 ... +40 °C.

The operating time of the modem (typically 8 - 10 hours) facilitates 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 prevailing charge level of the battery, provided the display model 3ASd is used.



Manufacturer:



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SATEL-321

Technical Specifications	
SATEL-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	1.0 h
- Temperature	+5 °C ... +40 °C
CONNECTORS	
- Charger	3-pin round push-pull locking
- RS-232 / 485	12-pin round push-pull locking
CASING	
- Size H x W x D	162 x 80 x 59 mm
- Weight incl. 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

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