

# LP1302 - Battery pack

Type designation: **LP1302**

PN (RN): **7029.100.02**

Power supply for RF20 radio system transceivers. The battery pack consists of serial-parallel set of four LiIon cells with protective diagnostic circuits, and a capacity display.

## Description

Diagnostic circuits use two-wire bus communication between the battery pack and the charger to display the battery pack charging parameters and manufacturing parameters on the charger display (NU1302).

## Technical parameters

|  |                                |
|--|--------------------------------|
| <b>Nominal voltage</b>                         | 7.4 V                          |
| <b>Nominal capacity</b>                        | 3.6 Ah                         |
| <b>Charging (from NU1302, NM1302 chargers)</b> | 5 hours                        |
| <b>Operating temperature range</b>             | -30 °C to +60 °C               |
| <b>Dimensions</b>                              | W 79 mm x H 61 mm x<br>D 44 mm |
| <b>Weight</b>                                  | max. 0.3 kg                    |

## Chargers

| <b>Type designation</b> | <b>PN (RN)</b> | <b>Name</b>                  |
|-------------------------|----------------|------------------------------|
| NM1302                  | 7028.000.01    | Mobile charger set           |
| NU1302                  | 7027.000.01    | Universal charger set<br>N/A |
| PC20                    | 7046.000.11    | Small mains charger set      |
| SL20                    | 7047.100.01    | Solar charger                |