



RECHARGEABLE LI- ION BATTERIES

Product Catalogue

Rechargeable Li-Ion battery, RH6411

Battery RH6411 consists :

2 separate pack (each pack is 14,4 V).

Every pack has an individual controller (incl. safety function) with 5-segment LCD display for residual capacity indication.

2 packs can be connected serially or parallel.

Battery RH6411 can be connected with the PC by I2C interface for programming or reading

static and dynamic information such as

manufacturer name, serial nr., DOD

cycles quantity, each battery strings health, residual capacity and etc.



| Technical Specification | |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Voltage | Max: 14,4V or 28,8 V Nominal: 12 V or 24 V |
| Nominal capacity | 14,4 V: 18,0 Ah 28,8 V: 9 Ah Note: the capacity can be increased depending on cells technology progress |
| Max Continuous discharge current | 28,8 V (25° C): 10,0 A 14,4 V (25° C): 20,0 A |
| Short Continuous discharge current (not more 5 sec) | 28,8 V (25° C): 20,0 A 14,4 V (25° C): 40,0 A |
| Weight | 1,4 kg |
| Dimensions (H, L, W) | 127x112x61 mm |
| Working temperature | -30° C till +65° C |
| Self-discharge | less 6% per month (25° C) |
| Storage temperature | -30° C till +60° C |
| Case material | plastic |
| Connector | 6-pin |

Rechargeable Li-Ion battery, RH64110



| Technical specification | |
|-------------------------|-------------------------------------------------------------------------------------|
| Voltage | Max: 16,8 V Nominal: 14,8 V |
| Nominal capacity | 19 Ah Note: the capacity can be increased depending on cells technology progress |
| Max discharge current | 20 A |
| Cut-off current | 25 A |
| Weight | 1,6kg |
| Dimension (L, W, H) | 184x76x78 mm |
| Working temperature | -30° C till +65° C |
| Self-discharge | Менее 3% в месяц (при 25° C) |
| Storage temperature | -30° C till +60° C |
| Case material | plastic |
| Connector | 2 pin different types (spring collet, bolt, etc) |

Li-Ion battery RH6422



| Technical Specification | |
|-------------------------|---------------------------------------------------------------------------------------------|
| Voltage | Max: 26 V and additional output 13V Nominal: 24 V |
| Capacity | 10,4 Ah Note: the capacity can be increased depending on cells technology progress |
| Max discharge current | 10 A |
| Cut-off current | 40 A |
| Dimension (L, W, H) | 245x89x87 mm |
| Working temperature | -30° C till +65° C |
| Self-discharge | Less than 3% per month (25° C) |
| Storage temperature | -30° C till +60° C |
| Case material | Metal |

Carry power supply RH64111



RH64111 (hereinafter referred to as “Case”) is a carry power supply. Application of - outdoor use for source of any devices (for example radio transceiver). Case contains 2 powerful rechargeable Li-Ion batteries and charger.

Two RH64111 Li-ion batteries connected parallel with a total capacity of 28 Ah. It can be charged from 110 / 220VAC or 12/24VDC (vehicle board source). Case should be charged before usage. It can not provide UPS function.

Technical characteristics:

- Capacity: 28 Ah
- Output voltage: 13,8 V
- Input voltage : AC 110/220 V (100...250 V AC) 50/60 Hz
- Input voltage : DC 12/24 V (11-28V DC)
- Dimensions of RH64111 (H x W x L): 500 x 700 x 160 mm
- Weight with batteries FTN6066: 9 kg
- Weight without batteries: 6,6 kg
- Life time: 500 cycles charge/discharge
- Temperature mode: charge 0...+60 C°; discharge -20...+60 C°
- FDN6151 can be loaded to Radiostation
- Max. load ability: 36 A (during 1 min)
- Max. load ability: 20 A (long time)