

19" 4U / 100Ah Lithium Battery



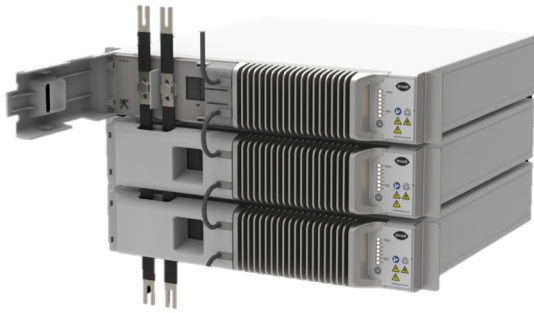
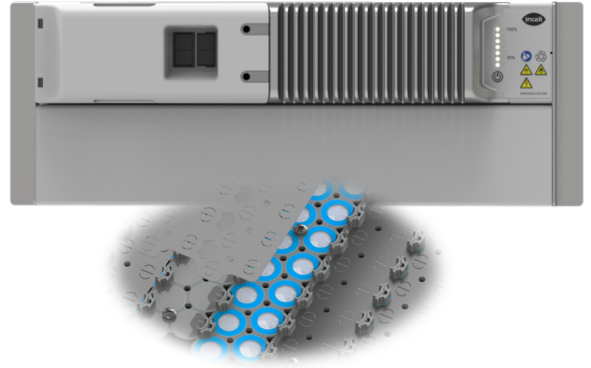
SLB48-100-144-1

13S Series, Generation 5

Incell Smart Lithium Battery™ is an advanced power backup system for telecom use. Its rechargeable lithium-ion battery provides reliable power backup for hybrid, off-grid and grid-connected telecom sites worldwide.

intelligence. automatic balancing, safety features, remote monitoring options and much more.

built-in charge control. patented Current Limiting Device™ allows any charge current without battery shutoff.



robust design. extra protection against dust and moisture for prolonged life.

high energy density. more backup per footprint.

easy, as it should be. easy to install and maintenance free.

Technical specification

| | |
|--------------------------------------|---|
| Enclosure Size | 19" 4U |
| Lithium Chemistry | NMC |
| Nominal Voltage | 48 V |
| Capacity Ah | 100 Ah |
| Energy Wh | 4800 Wh |
| Calendar Life | >15 Years |
| Cycle Life (@ 80% SOC) | >6000 |
| Max Discharge Current | 100 A |
| End-of-Discharge Voltage (LVBD) ** | 39 V |
| Max Charge Current | 50 A |
| Charge Current Limitation (CLD) * | 50 A |
| Charge Voltage for 100% SOC | 54,6 V |
| Charge Voltage for 80% SOC | 52 V |
| Normal Operating Ambient Temp. Range | +5 to +50°C |
| Extended Operating Cell Temp. Range | -20 to +70°C |
| Storage Temperature | -20 to +50°C |
| Weight (Kg) | 35 Kg |
| Dimensions (mm) | W 440 D 358 H 174 |
| Communication Port | RS485, RJ45 |
| Management & Monitoring | Software for PC (Incell Studio) included for full local monitoring and management. Remote connection with Modbus |

*If the recharge current is 50A or higher, the battery will automatically reduce the charge current to 6-12A until 100% SOC
**Cut off when one cell reaches 3.0V; 13 cells in series
for >14 modules in parallel a battery controller is required