

CASE BATTERY

Portable Lithium Ion Battery (pLIB)

Introduction

- A specialized device used to protect lithium batteries during transportation
- A lightweight, portable device that can be easily transported to emergency locations when incidents occur
- Install lithium batteries with a storage capacity of 100Ah and a voltage of 48VDC
- Have a suitcase-style design, shockproof, and waterproof



Features

- Easily replace the battery in case with another battery of the same size
- Case material : ABS/ Polypropylene/Aluminum alloy or Aluminum alloy wrapping/ Powder coated steel (optional)
- Have the inside place for power cable: Have the inside place on the roof for power cable and ensure electrical safety.
- Antishock material: Die cast foam/ Wave shape sponge

Data Sheet

Item	Specification
Model	SMI-48100A1F6
Handles on both sides	Handles on both sides, Withstand with the total weight
Handles on case	Have two-handed carry handle type at the top, withstand with the total weight
Hinges	Stainless steel
Latch	Have latch to ensure safety when transporting
Dimension (W*D*H)	About $\leq 510*205*580$ mm
Weight (pLIB weight)	About ≤ 46 kg
Case level of protection:	\geq IP53
General requirements of portable Lithium Ion Battery	Capacity of 100Ah and a voltage of 48VDC Have the circuit breaker or switch to ensure electrical isolation when connecting the pLIB to active DC power or LIB
Have the inside place for power cable	Have the inside place on the roof for power cable and ensure electrical safety.
Accessories	Battery is designed in the form of waterproof carrying case 02 cos cables (length ≥ 3 m, \geq Size 35mm ²), connect between DC power source and pLIB Positive and negative cable with cable lugs

Ver: 202407-VT