

Pylontech Li-ion Battery US3000C (3,55kWh - 48V - 74Ah)

Product code: ME.Battery.Pylontech.02



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Product variants

Index	Price
Pylontech Li-ion Battery US3000C (3,55kWh - 48V - 74Ah) ME.Battery.Pylontech.02	Product prices only visible after login. If you do not have an account, please register.

Product description

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Key advantages of Pylontech Li-ion Battery US3000C:

BMS (Battery Management System) plays a crucial role in the Pylontech US3000C battery. Equipped with an integrated BMS, the Pylontech battery offers advanced monitoring and management capabilities, such as voltage, current, and temperature control. The BMS operation also contributes to optimizing the battery's performance and lifespan, which

is crucial for any energy storage system. In practice, this means that users can be confident that their Pylontech Li-ion Battery US3000C will operate efficiently and safely for an extended period.

The deep discharge depth is a key feature of the Pylontech US3000C battery, reaching up to 95%. This allows for the utilization of almost its entire capacity without concerns about damage or reduced lifespan. In practice, this also translates to lower investment costs since fewer batteries can be installed.

The double active protection BMS in the Pylontech US3000C battery provides an additional level of safety. With it, the battery effectively manages various aspects of operation, such as overload, overheating, or excessive discharge.

Advanced BMS ensures optimal battery performance, minimizing the risk of damage or failure. This makes the Pylontech battery one of the safest and most reliable products available on the market.

Compact size and lightweight design; the standard 19-inch built-in module is convenient for installation and maintenance.

Technical specifications of Pylontech Li-ion Battery US3000C:

Nominal voltage: 48 V

Nominal capacity: 3552 Wh

Usable capacity: 3374.4 Wh

Discharge voltage: 44.5 ~ 53.5 V

Charge voltage: 52.5 ~ 53.5 V

Recommended charge/discharge current: 37 A

Maximum charge/discharge current: 74 – 89 A, 60 s

Peak charge/discharge current: 90 ~ 200 A, 15 s