Pylontech US5000 4.8 kWh 48 V

Pylontech · Akut · SKU US5000

LiFePO4, 4.8 kWh, 6000 cycles, 10-year warranty. ADR transport (UN3480).

Parameter	Value
Capacity	4.8 kWh
Voltage	48 (LV) V
Type	low-voltage
Chemistry	LiFePO4
Cycles	6000
DoD	90 %
Weight	40 kg
Dimensions (m)	0.442 × 0.42 × 0.161
Units per pallet	8
Pallets per 40'HC	24

Warranty

10-year manufacturer warranty or 6,000 cycles; claims via the customer portal.

Compatible inverters

Deye SUN-xK-SG, Solis RHI, SMA Sunny Island, Victron MultiPlus, Sofar HYD

Based on Pylontech manufacturer documentation. Full certificates: https://en.pylontech.com.cn