

## 3.6KW DYNES B3 LITHIUM ION BATTERY

**DYNES**  
ENERGY STORAGE SYSTEM

# B3



### SPECIFICATION

Model	B3
Nominal Energy	3.6kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Max. Continuous Discharge Current	50A
Max. Continuous Charge Current	50A
Charging Cut-Off Vol.	54V
Discharging End-Off Vol.	40.5V
Net Weight	30Kg
Dimension[W*D*H]	400*360*133.5mm
Protection Level	IP20
Calendar Life [1]	6000 Cycles
Charging Temperature Range	0~50°C
Discharging Temperature Range	-20~50°C
Communication	CAN / RS485
Configuration	Up to 144kWh total energy, 40 modules parallel at most
Recommend C Rate	0.5C
Warranty	10 years

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80%DoD

### Features and advantages

- LiFePO4 battery, Safe, Longer life span
- Modular design, Easy to stack, Quick installation
- Larger energy capacity at 3.5 kWh, up to 56kWh total in paralleling
- Natural cooling with optional heat/fan configuration
- Wide temperature range of -20~50°C

