

Key Features:

- 48VDC / 420Ah / 20kWh LiFePO4 Battery Pack
- -20 ~ 55°C Operating Temperature
- Robust Metal Casing
- State Of Charge (SOC) Indicator
- OCP / OVP / UVP / OTP Protection
- 3-Year Warranty



48V 420Ah Battery Pack For Forklift
Model No: BE-2263-02

CHARGING

Input Voltage	52.6 to 54.75VDC
Maks. Charging Current	150A
Current Taper	< 10.5A
Overvoltage Protection	3.70V / Cell
Overcurrent Protection	150A
Cell Balancing	Passive Balancing
Charging Temperature	0°C to 45°C

USAGE/DISCHARGING

Number of Output Channel	1-Ch
Output Voltage	37.5 - 54.75VDC
Continuous Output Power/Curr.	19.2kW / 400A
Peak Output Power	28.8kW / 30s
Total Energy Storage	20.16kWh
End of Discharge Voltage	37.5V
Over Current Protection	620A / 10s
Under Voltage Protection	2.5V / Cell
Short Circuit Protection	900A
Over Temperature Protection	55°C
Power Connector	SB320
Data Output	SOC Indicator
Operating Temperature	-20°C to 55°C

INTERFACE

Communication Protocol	I2C or RS485
Data Output Connector	5-Pin Mike
Communication Frequency	--
Power Output Enable Control	Yes
Capacity Indicator	5-Bar LED
RS232	Optional

GENERAL FEATURES

Chemical	LiFePO4
Storage Temperature	0°C to 25°C
Relative Humidity	10%-90% RH
Self-Discharge Rate	5W at Standby Mode, 28.8mW at Sleep Mode
Weight	800kg (approx.)
Dimensions (L*W*H)	121 * 35 x 78 mm (See next page)
Cycle Life	3500 (> 80% capacity)
Cooling	Passive
Construction	Steel
Color	Black
Alternative Color	Optional
External Fuse	Optional
IP Rate	Optional
Warranty	3-Year (standard), extendable up to 5-Year

Application:

- Forklift
- Shuttle Vehicle

