

Min 3000BDC BL

- IP65
- Plug and Play
- Reverse and short-circuit protection
- Help TL-XH series to compatible with LV battery



P O W E R
- I N G
T O M O R R O W



INV DC side

Voltage(range)	350V-480V
Nominal power(discharging/charging)	3100W/3000W
Max power(discharging)	3800W/10S
Max current(discharging/charging)	10A/9A

BAT side

Voltage(range)	42~59V
Nominal Voltage	48V
Nominal charging and discharging current	66A/68A
Max charging and discharging current	66A/85A
Type of battery	Lithium

Efficiency

Max Charge efficiency	>94.5%
Max Discharge efficiency	>96%

General Data

Cooling	Natural
Dimensions (W / H / D) in mm	355mm*367.5mm*151.5mm
Weight	10kg
Operating temperature range	-25°C ... +60°C with derating above 45°C
Topology	HF transformer
Protection degree	IP65
Relative humidity	100%

Interfaces

Display	LED
Battery communication	RS485 /CAN

Unit protection function

reverse connection protection(BAT side)	Yes
short circuit protection(BAT side)	Yes
short circuit boot protection(INV DC side)	Yes