



25.6V100AH

Features



Safe & Reliable

High safety LiFePO₄ battery.
Compliance with IEC62619, UN38.3, CE, .



Modular

Support up to 16 units in parallel.



Ultra performance

More than 6000 cycles, self-developed BMS/Cell/Pack to ensure best quality.



Compact & Flexible

standard height design.



Compatibility

Compatible with most hybrid/battery inverter in self-consumption, back-up and off-grid applications.



Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	25.6V100AH
Nominal voltage	25.6V
Nominal capacity	100Ah
Nominal energy	2.56KWh
Max. voltage range	22.4V~29.2V
Charge voltage	29V
Float voltage	28V
Recommend charge current	50A
Max. charge current	100A
Recommend discharge current	50A
Max. discharge current	100A
Communication	RS485 / RS232 / CAN
Installation	Wall mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~26kg
Dimension(W*H*D)	390*370*160mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.



25.6V200AH

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Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	25.6V200AH
Nominal voltage	25.6V
Nominal capacity	200Ah
Nominal energy	5.12KWh
Max. voltage range	22.4V~29.2V
Charge voltage	29V
Float voltage	28V
Recommend charge current	100A
Max. charge current	200A
Recommend discharge current	100A
Max. discharge current	200A
Communication	RS485 / RS232 / CAN
Installation	Wall mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~44kg
Dimension(W*H*D)	600*370*170mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.



51.2V100AH

Features



Safe & Reliable

High safety LiFePO₄ battery.
Compliance with IEC62619, UN38.3, CE, .



Modular

Support up to 16 units in paralle.



Ultra performance

More than 6000 cycles, self-developed BMS/Cell/Pack to ensure best quality.



Compact & Flexible

standard height design.



Compatibility

Compatible with most hybrid/battery inverter in self-consumption, back-up and off-grid applications.



Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	51.2V100AH
Nominal voltage	51.2V
Nominal capacity	100Ah
Nominal energy	5.12KWh
Max. voltage range	44.8V~58.4V
Charge voltage	58.4V
Float voltage	57.6V
Recommend charge current	50A
Max. charge current	100A
Recommend discharge current	50A
Max. discharge current	100A
Communication	RS485 / RS232 / CAN
Installation	Wall mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~44kg
Dimension(W*H*D)	600*370*170mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.



51.2V200AH

Features



Safe & Reliable

High safety LiFePO₄ battery.
Compliance with IEC62619, UN38.3, CE, .



Modular

Support up to 16 units in parallel.



Ultra performance

More than 6000 cycles, self-developed BMS/Cell/Pack to ensure best quality.



Compact & Flexible

standard height design.



Compatibility

Compatible with most hybrid/battery inverter in self-consumption, back-up and off-grid applications.



Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	51.2V200AH
Nominal voltage	51.2V
Nominal capacity	200Ah
Nominal energy	10.2KWh
Max. voltage range	44.8V~58.4V
Charge voltage	58.4V
Float voltage	57.6V
Recommend charge current	100A
Max. charge current	200A
Recommend discharge current	100A
Max. discharge current	200A
Communication	RS485 / RS232 / CAN
Installation	Wall mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~83kg
Dimension(W*H*D)	850*500*160mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.



51.2V280AH

Features



Safe & Reliable

High safety LiFePO₄ battery.
Compliance with IEC62619, UN38.3, CE, .



Modular

Support up to 16 units in parallel.



Ultra performance

More than 6000 cycles, self-developed BMS/Cell/Pack to ensure best quality.



Compact & Flexible

standard height design.



Compatibility

Compatible with most hybrid/battery inverter in self-consumption, back-up and off-grid applications.



Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	51.2V280AH
Nominal voltage	51.2V
Nominal capacity	280Ah
Nominal energy	14.3KWh
Max. voltage range	44.8V~58.4V
Charge voltage	58.4V
Float voltage	57.6V
Recommend charge current	100A
Max. charge current	200A
Recommend discharge current	100A
Max. discharge current	200A
Communication	RS485 / RS232 / CAN
Installation	Floor mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~128kg
Dimension(W*H*D)	860*523*160mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.



51.2V314AH

◉ Features



Safe & Reliable

High safety LiFePO₄ battery.
Compliance with IEC62619, UN38.3, CE, .



Modular

Support up to 16 units in parallel.



Ultra performance

More than 6000 cycles, self-developed BMS/Cell/Pack to ensure best quality.



Compact & Flexible

standard height design.



Compatibility

Compatible with most hybrid/battery inverter in self-consumption, back-up and off-grid applications.



Intelligence

Strong pre-charge and balancing capability.
Remote data history & firmware upgrading function via T-smart Cloud platform. (Pending)

Parameters

Items	51.2V314AH
Nominal voltage	51.2V
Nominal capacity	314Ah
Nominal energy	16KWh
Max. voltage range	44.8V~58.4V
Charge voltage	58.4V
Float voltage	57.6V
Recommend charge current	100A
Max. charge current	200A
Recommend discharge current	100A
Max. discharge current	200A
Communication	RS485 / RS232 / CAN
Installation	Floor mounted
IP rating	IP20
Cycle life	≥6000 cycles
Net weight	~131kg
Dimension(W*H*D)	860*523*160mm
Cell type	Lithium-iron phosphate (LiFePO ₄)
Design life	15 years
Charging Temperature	0~65°C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Certification	IEC62619 / UN38.3 / CE / CEC

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary different inverter brand.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.