

FarAmp25.6V100Ah

Residential Low voltage battery system

Product Features

- High energy density, small size, light weight, no pollution;
- 1C rate charge/discharge;
- Match varied inverters;
- IP20 grade, suitable for indoor;
- 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design
Much safer
More reliable.

Smart Management system
Available with Wifi,
Bluetooth, LCD

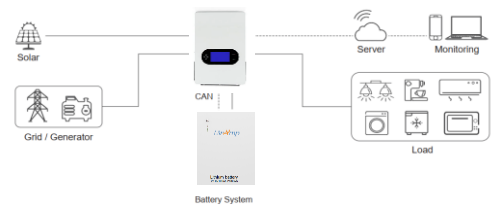
1C Charge/Discharge
Efficient charging and
discharging.

Single Management
Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

Product Parameters

Model	FarAmp-25.6V100Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 200Ah
Battery capacity	2.56kWh
Dimensions(LxWxH)	420*415*212mm
Weight	30
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, hardware
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

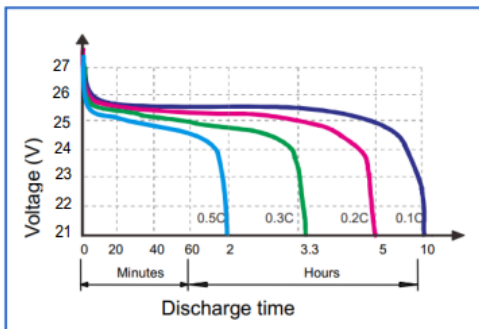
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	100A	50A	33A	25A	20A	10A	5A

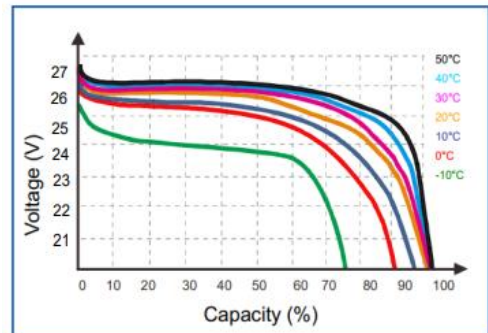
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	2560W	1280W	853W	640W	512W	256W	128W

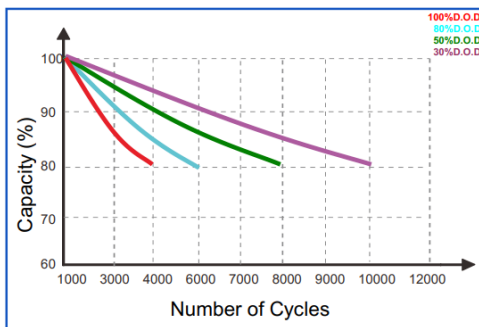
Discharge characteristics (25°C)



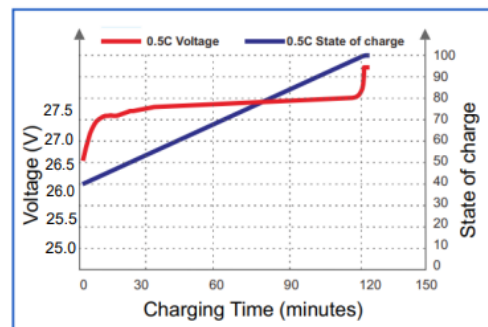
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

Product Features

- ⊗ High energy density, small size, light weight, no pollution;
- ⊗ 1C rate charge/discharge;
- ⊗ Match varied inverters;
- ⊗ IP20 grade, suitable for indoor;
- ⊗ 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design
Much safer
More reliable.

Smart Management system
Available with Wifi,
Bluetooth, LCD

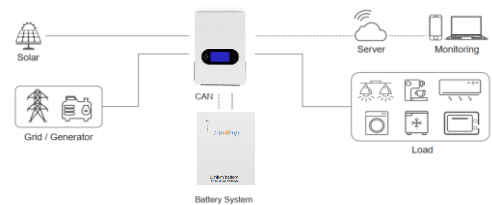
1C Charge/Discharge
Efficient charging and
discharging.

Single Management
Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

FarAmp25.6V200Ah

Residential Low voltage battery system

Product Parameters

Model	FarAmp-25.6V200Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 200Ah
Battery capacity	5.12kWh
Dimensions(LxWxH)	680*415*212mm
Weight	47
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

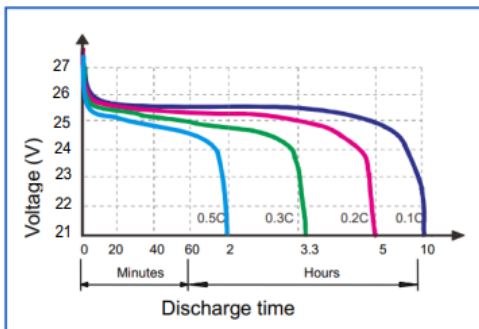
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	200A	100A	66A	50A	40A	20A	10A

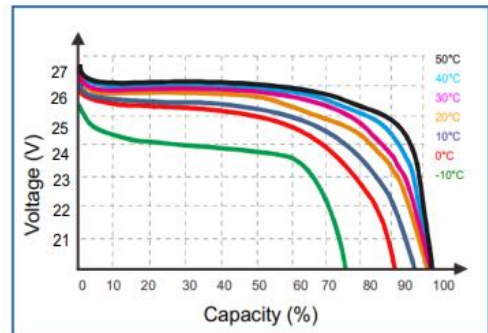
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	5120W	2560W	1280W	853W	640W	512W	256W

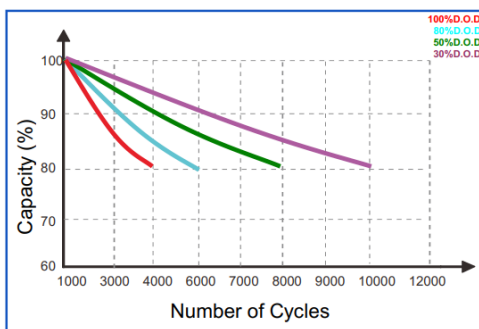
Discharge characteristics (25°C)



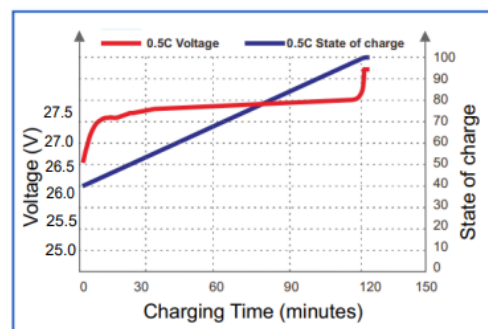
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

FarAmp25.6V230Ah

Residential Low voltage battery system

Product Features

- High energy density, small size, light weight, no pollution;
- 1C rate charge/discharge;
- Match varied inverters;
- IP20 grade, suitable for indoor;
- 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design

Much safer
More reliable.

Smart Management system

Available with Wifi,
Bluetooth, LCD

1C Charge/Discharge

Efficient charging and
discharging.

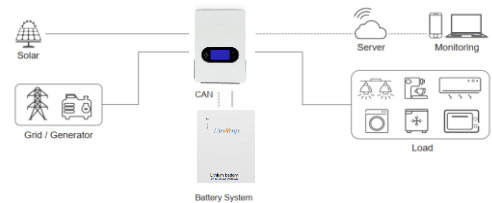
Single Management

Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

FarAmp25.6V230Ah

Residential Low voltage battery system

Product Parameters

Model	FarAmp-25.6V230Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 230Ah
Battery capacity	5.8 kWh
Dimensions(LxWxH)	680*415*212mm
Weight	49
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

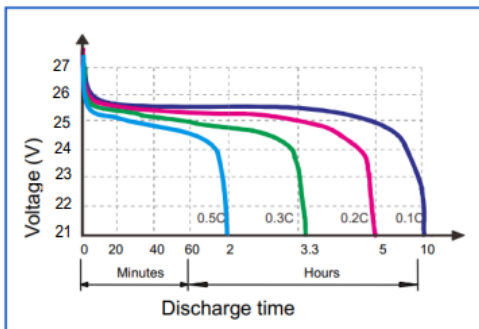
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	230A	115A	76A	57A	46A	23A	11.5A

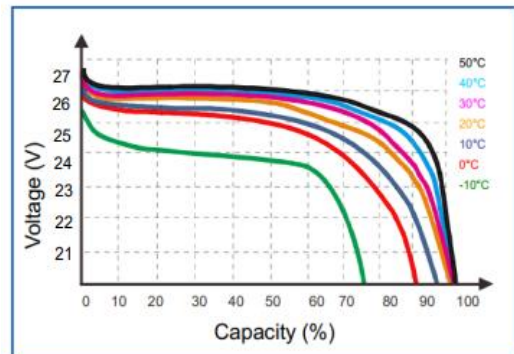
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	5888W	2944W	1962W	1472W	1177W	588.8W	294.4W

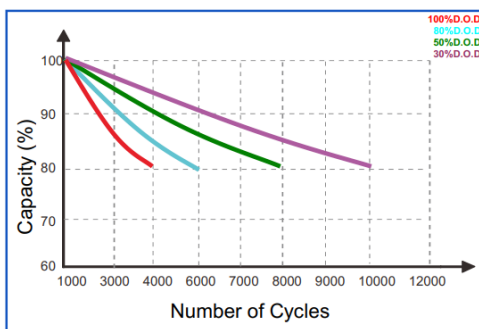
Discharge characteristics (25°C)



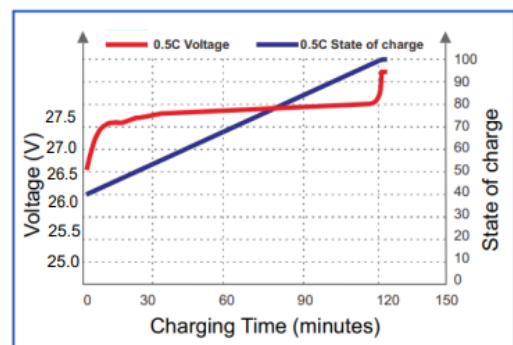
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

FarAmp25.6V280Ah

Residential Low voltage battery system

Product Features

- High energy density, small size, light weight, no pollution;
- 1C rate charge/discharge;
- Match varied inverters;
- IP20 grade, suitable for indoor;
- 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design

Much safer
More reliable.

Smart Management system

Available with Wifi,
Bluetooth, LCD

1C Charge/Discharge

Efficient charging and
discharging.

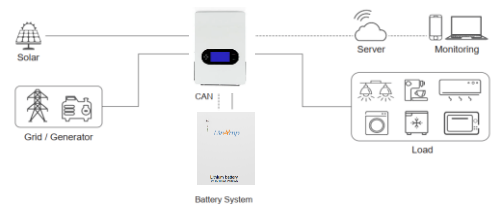
Single Management

Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

FarAmp25.6V280Ah

Residential Low voltage battery system

Product Parameters

Model	FarAmp-25.6V280Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 280Ah
Battery capacity	7.2kWh
Dimensions(LxWxH)	600*400*240mm
Weight	59
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

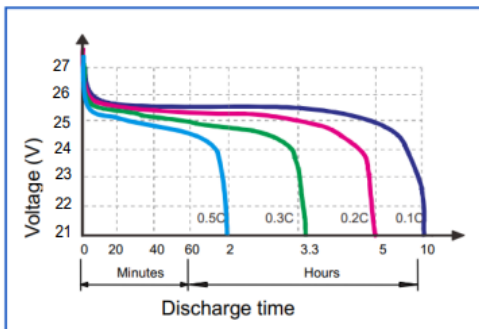
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	280A	140A	93A	70A	20A	28A	14A

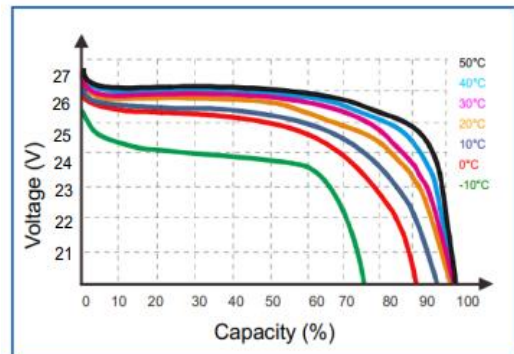
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	7168W	3584W	2389W	1792W	1433W	716W	358W

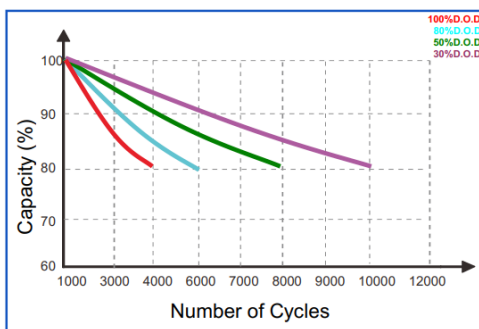
Discharge characteristics (25°C)



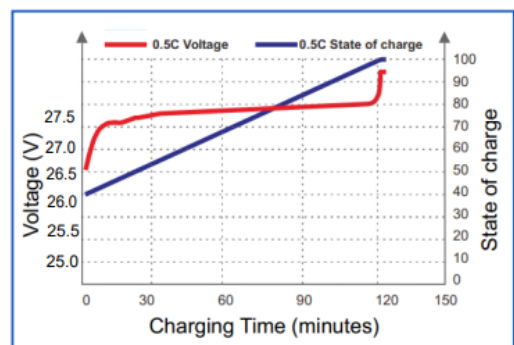
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

FarAmp25.6V300Ah

Residential Low voltage battery system

Product Features

- ⊗ High energy density, small size, light weight, no pollution;
- ⊗ 1C rate charge/discharge;
- ⊗ Match varied inverters;
- ⊗ IP20 grade, suitable for indoor;
- ⊗ 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design
 Much safer
 More reliable.

Smart Management system
 Available with Wifi,
 Bluetooth, LCD

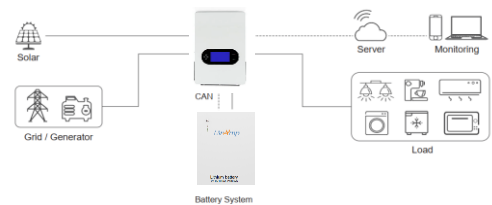
1C Charge/Discharge
 Efficient charging and
 discharging.

Single Management
 Ultimate security and
 ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
 Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
 Used as a backup power for household use

Off-grid
 Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

Product Parameters

Model	FarAmp-25.6V300Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 300Ah
Battery capacity	7.68kWh
Dimensions(LxWxH)	600*400*240mm
Weight	60
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

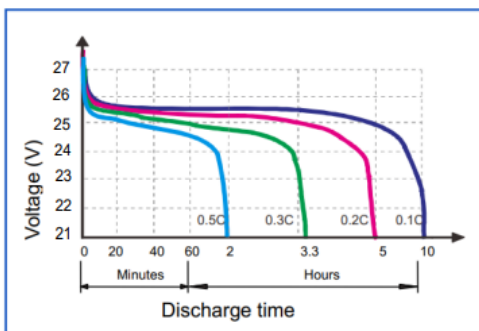
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	300A	150A	100A	75A	60A	30A	15A

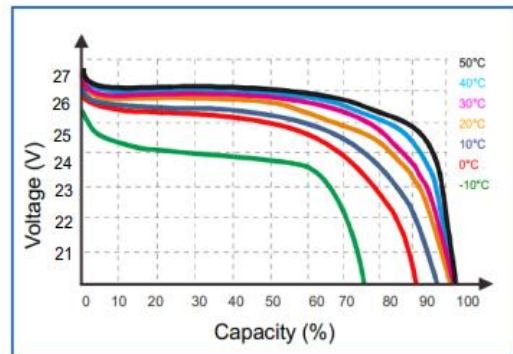
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	7680W	3840W	2560W	1920W	1536W	768W	384W

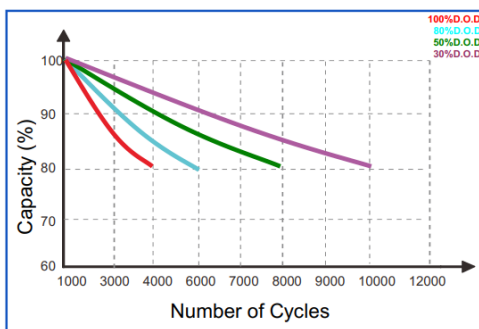
Discharge characteristics (25°C)



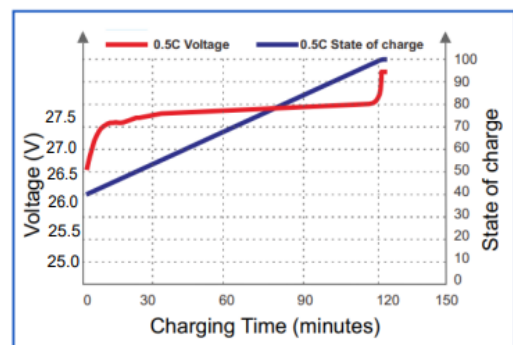
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

FarAmp25.6V310Ah

Residential Low voltage battery system

Product Features

- High energy density, small size, light weight, no pollution;
- 1C rate charge/discharge;
- Match varied inverters;
- IP20 grade, suitable for indoor;
- 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design
Much safer
More reliable.

Smart Management system
Available with Wifi,
Bluetooth, LCD

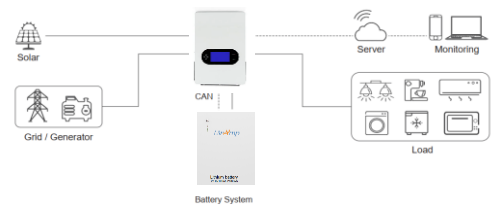
1C Charge/Discharge
Efficient charging and
discharging.

Single Management
Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

FarAmp25.6V310Ah

Residential Low voltage battery system

Product Parameters

Model	FarAmp-25.6V310Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 310Ah
Battery capacity	7.9kWh
Dimensions(LxWxH)	600*400*240mm
Weight	62
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

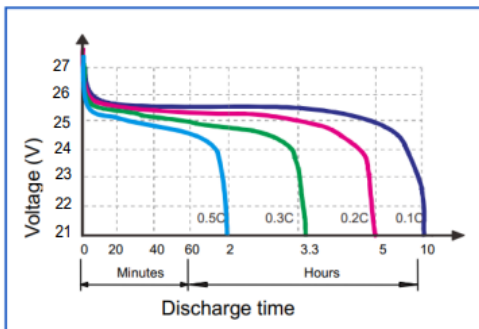
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	310A	155A	103A	77A	62A	31A	15A

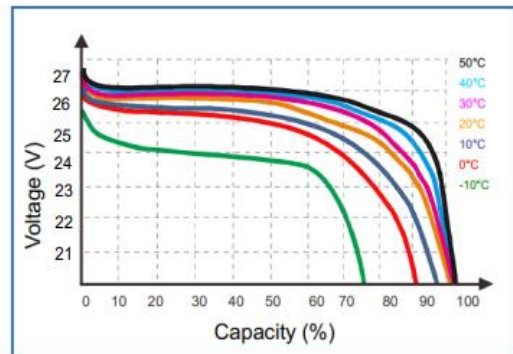
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	7936W	3968W	2654W	1984W	1587W	793W	196W

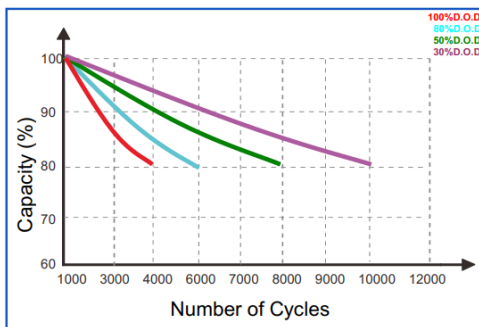
Discharge characteristics (25°C)



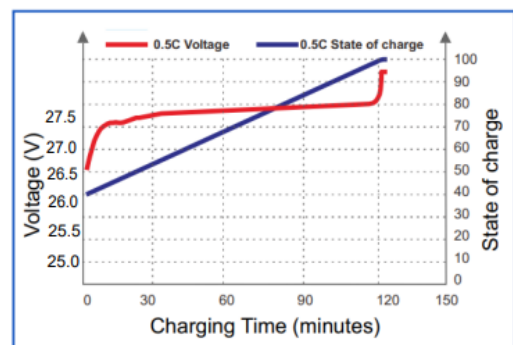
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.

Product Features

- ⊗ High energy density, small size, light weight, no pollution;
- ⊗ 1C rate charge/discharge;
- ⊗ Match varied inverters;
- ⊗ IP20 grade, suitable for indoor;
- ⊗ 15 years design life, Stable performance, maintenance-free;



2 Layers Safety Design

Much safer
More reliable.

Smart Management system

Available with Wifi,
Bluetooth, LCD

1C Charge/Discharge

Efficient charging and
discharging.

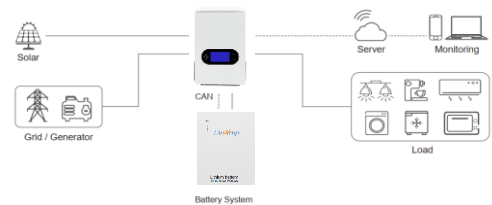
Single Management

Ultimate security and
ultra-simple O&M.

Multi-Function

FarAmp lithium series batteries provide superior performance, capacities and reliability. Using state of high power cell technology, the lithium series is designed for environmentally sensitive areas that require super long cycle life capabilities.

FarAmp lithium batteries are widely used in industrial, residential, commercial and private applications. The maintenance free construction and advanced design features makes the lithium series the definitive choice for a wide variety of markets. Like solar and renewable energy storage, electric vehicle, golf cart and industrial equipment, floor machines, forklifts, aerial lifts, and robotics; marine, RV, and no-idle solution; Mobility and Medical Equipment; Telecom, Broadband and Cable TV; UPS systems



Factory/Office Park/Hotel/Restaurant
Arbitraging from the TOU tariff, peak-load shifting

Mobile charger
Used as a backup power for household use

Off-grid
Multi-energy Energy system with solar, diesel generator, wind turbine, etc.

Product Parameters

Model	FarAmp-25.6V400Ah
Battery Parameters	
Battery cell model	LiFePO ₄ - 400Ah
Battery capacity	10.24kWh
Dimensions(LxWxH)	680*415*247mm
Weight	81
Terminal Type	T16/Plug
Terminal Torque	8.5N*M
Case Material	Steel
BMS build-in	Yes, software
Efficiency – round trip	> 99.5
Self Discharge per Month	< 3%
Max parallel connectors	15
Series connections	1
Cycle life (1C, 25°C@100% DOD)	> 6000
Discharge Temperature	-23~65°C
Charge Temperature	-3~65°C
Storage Temperature	-20~45°C
Bluetooth(App)	Optional
LCD Screen	Optional
Heating function	Optional
Voltage Window	22.4~28V
Recommend Charge Voltage	28.5V
Max Charge Voltage	29.2V
Recommend Charge current	20A
Max continuous charge current	100A
Recommend Discharge voltage	22.4V
Max Discharging Voltage	21.6V
Max Continuous Discharge current	100A
Peak Discharge Current	120A
Communication	RS485,Can

* The system will be derated when the ambient temperature exceeds 45°C.

** The system will be derated when the altitude is between 2000 and 3000m.

Certifications

System: CE(IEC61000,IEC62619,IEC62477),UN3480, UKCA ;

Cell: IEC 62619, UL1973, UL9540A;

Pack: UN38.3;

Note: Product specifications are subject to change without any prior notice as per regular modifications made by company.

Performance

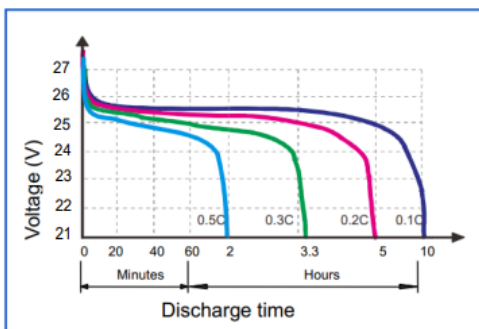
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	400A	200A	132A	100A	80A	40A	20A

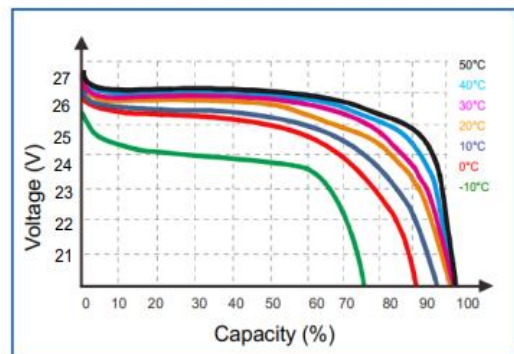
Constant Current Discharge Data (Amperes @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (21.0V)	10240W	5120W	3413W	2560W	2048W	1024W	512W

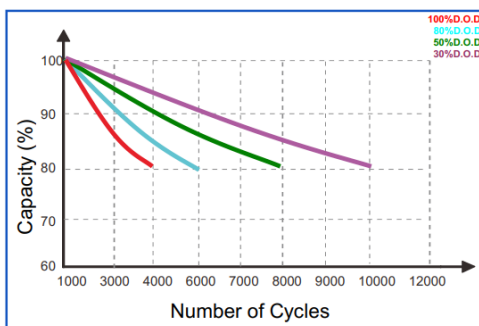
Discharge characteristics (25°C)



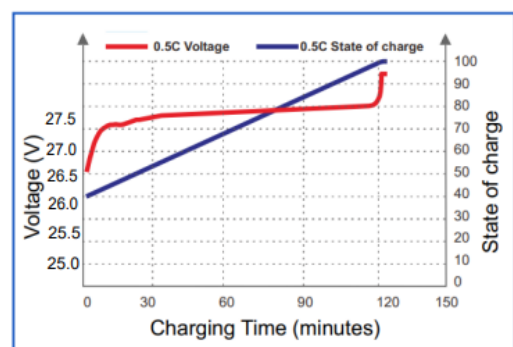
Different temperature Discharge curve (0.5C)



Discharge DOD discharge cycle life curve (0.2C, 25°C)



State of charge curve (0.5C, 25°C)



Note 1: Please always refer to the latest edition of our technical manual that published on our website to ensure safe and efficient operation.

Note 2: When make parallel connection, please full discharge batteries, then recharge after parallel connected; when series connect, please keep batteries with same remain capacity.