

# EG4 WALLMOUNT INDOOR 280Ah LITHIUM BATTERY QUICK-START GUIDE

This guide has been created to give the end-user a quick and easy process to install and commission the WallMount Indoor 280Ah Lithium battery in a variety of configurations.



SCAN FOR UPDATED  
DOCUMENTS





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## 1. TECHNICAL SPECIFICATIONS

MODULE OPERATING PARAMETERS			
PARAMETER	BMS	Recommended Setting	
VOLTAGE	51.2V	-	
CAPACITY	280Ah	-	
CHARGING VOLTAGE (BULK/ABSORB)	56.0V (+/-0.8V)	56.2V (+/-0.2V)	
FLOAT	-	54V (+/-0.2V)	
LOW DC CUTOFF	44.8V	47-45.6V (start high, lower as needed)	
CHARGING CURRENT	200A (Max. continuous)	60A - 160A	
DISCHARGING CURRENT	200A (Max. continuous)	160A	
ENVIRONMENTAL PARAMETERS			
CHARGING RANGE	32° to ≈113°F (0°C to ≈45°C)		
DISCHARGING RANGE	-4°F to ≈122°F (-20°C to ≈50°C)		
STORAGE RANGE	-4°F to ≈122°F (-20°C to ≈50°C)		
INGRESS PROTECTION	IP20		
CHARGING/ DISCHARGING PARAMETERS			
CHARGE	Spec	Delay	Recovery
CELL VOLTAGE PROTECTION	3.8V	1 sec	3.45V
MODULE VOLTAGE PROTECTION	60.0V	1 sec	55.2V
OVER CHARGING CURRENT 1	>205A	10 sec	-
OVER CHARGING CURRENT 2	>225A	3 sec	-
TEMPERATURE PROTECTION	<23°F or >158°F <-5°C or >70°C	1 sec	>32°F or <140°F >0°C or <60°C
DISCHARGE	Spec	Delay	Recovery
CELL VOLTAGE PROTECTION	2.3V	1 sec	3.1V
MODULE VOLTAGE PROTECTION	44.8V	1 sec	48V
OVER-CHARGING CURRENT 1	>205A	10 sec	60 sec
OVER-CHARGING CURRENT 2	>300A	3 sec	60 sec
SHORT CIRCUIT	>600A	<0.1 mS	-
TEMPERATURE PROTECTION	<-4°F or >167°F <-20°C or >75°C	1 sec	>14°F or <149°F >-10°C or <65°C
PCB TEMP PROTECTION	>230°F (>110°C)	1 sec	@ <176°F (<80°C)
GENERAL SPECIFICATIONS			
PARAMETER	Spec		Condition
CELL BALANCE	120mA	Passive Balance	Cell Voltage Difference >40mV
TEMPERATURE ACCURACY	3%	Cycle Measurement	Measuring Range -40°F to ≈212°F (-40°C to ≈100°C)
VOLTAGE ACCURACY	0.5%	Cycle Measurement	For Cells & Module
CURRENT ACCURACY	3%	Cycle Measurement	Measuring Range -200A - 200A
SOC	5%	-	Integral Calculation
POWER CONSUMPTION	Sleep & Off Mode	<300uA	Storage/Transport/Standby
POWER CONSUMPTION	Operating Mode	<25mA	Charging/Discharging
COMMUNICATION PORTS	RS485/CAN		Can be customized
BATTERY HEATER SPECIFICATIONS			
PARAMETER	Spec		Condition
VOLTAGE	56V		-
POWER CONSUMPTION	224W		-
INTERNAL BATTERY TEMPERATURE	≤32°F (0°C)/≥41°F (5°C)		Heat On/Heat Off

## PHYSICAL SPECIFICATIONS

DIMENSIONS (H×W×D) 36.4 in.×18.1 in.×9.6 in. (925 mm×460 mm×245 mm)

WEIGHT 282.2 lbs. (128 kg)

DESIGN LIFE >15 Years

CYCLE LIFE >8000 Cycles, 0.5C 80% DOD

LIFETIME PRODUCTION 82.6MWh\*

## SAFETY CERTIFICATIONS

CERTIFICATIONS UL1973, UL 9540A (Testing)

*\*(51.2V×280Ah/1000×80%×8000 cycles/1000)90%=MWh*

## 2. ABBREVIATIONS

AWG – American Wire Gauge

A – Amp(s)

Ah – Amp hour(s)

AC – Alternating Current

AFCI-Arc-Fault Circuit Interrupter

AHJ – Authority Having Jurisdiction

ANSI – American National Standards Institute

BAT-Battery

BMS – Battery Management System

COM-Communication

CT-Current Transformer

DC – Direct Current

DIP – Dual In-line Package

DOD – Depth of Discharge

EG – Equipment Ground

EGS – Equipment Grounding System

EMC-Electromagnetic Compatibility

EPS – Emergency Power System

ESS – Energy Storage System

E-Stop-Emergency Stop

E-Stop NO – Emergency Stop Normally Open

FCC-Federal Communication Commission

GE – Grounding Electrode

GEC – Grounding Electrode Conductor

GEN-Generator

GES – Grounding Electrode System

GFCI-Ground Fault Circuit Interrupter

GFDI-Ground Fault Detector/Interrupter

Imp – Maximum Power Point Current

IEEE-Institute of Electrical and Electronic Engineers

IP-Ingress Protection

Isc – Short-Circuit Current

In. lbs. – Inch Pounds

kW – Kilowatt

kWh – Kilowatt-hour

LCD-Liquid Crystal Display

LFP – Lithium Iron Phosphate or LiFePO<sub>4</sub>

L1-Line 1; Typically, a black wire

L2-Line 2; Typically, a red wire

mm – Millimeter(s)

MPPT-Maximum Power Point Tracking

mV – Millivolt(s)

N-Neutral; Typically, a white wire

NEC – National Electrical Code

NEMA- National Electrical Manufacturers Association

NFPA – National Fire Prevention Association

Nm – Newton Meters

NOCT-Normal Operating Cell Temperature

PC – Personal Computer

PCB – Printed Circuit Board

PE – Protective Earth (G or Ground);

Pnum-Parallel Number

PPE – Personal Protective Equipment

PV – Photovoltaic

RSD – Rapid Shut Down

SCC- Standards Council of Canada

SOC – State of Charge

STC – Standard Testing Conditions

UL-Underwriters Laboratories

UPS-Uninterrupted Power Supply

V – Volt(s)

VOC – Open-Circuit Voltage

VMP – Voltage Maximum Power

## 3. SAFETY

### 3.1 SAFETY INSTRUCTIONS



**DANGER!**

**AVERTISSEMENT!**

***Hazardous Voltage Circuits!***

***Circuits à tension élevée!***

International safety regulations have been strictly observed in the design and testing of the inverter. Before beginning any work, carefully read all safety instructions, and always observe them when working on or with the inverter. The installation must follow all applicable national or local standards and regulations.

**Incorrect installation may cause:**

- Injury or death to the installer, operator or third party
- Damage to the inverter or other attached equipment

### 3.2 IMPORTANT SAFETY NOTIFICATIONS

There are various safety concerns that must be carefully observed before, during, and after the installation, as well as during future operation and maintenance. The following are important safety notifications for the installer and any end users of this product under normal operating conditions.

1. **Do not disassemble the battery.** Contact the distributor for any issues that need repair for more information and proper handling instructions. Incorrect servicing or re-assembly may result in a risk of electric shock or fire and void the warranty.
2. **Never short-circuit DC inputs.** Short-circuiting the battery may result in a risk of electric shock or fire and can lead to severe injury or death and/or permanent damage to the unit and/or any connected equipment.
3. **Use caution when working with metal tools on or around batteries and systems.** Risk of electrical arcs and/or short circuiting of equipment can lead to severe injury or death and equipment damage.
4. **Beware of high battery current.** Please ensure that the battery module breakers and/or on/off switches are in the “open” or “off” position before installing or working on the battery. Use a voltmeter to confirm there is no voltage present to avoid electric shock.
5. **Do not make any connections or disconnections to the system while the batteries are operating.** Damage to system components or risk of electrical shock may occur if working with energized batteries.
6. Make sure the battery and rack are properly grounded.
7. An installer should make sure to be well protected by reasonable and professional insulative equipment [e.g., personal protective equipment (PPE)].
8. Before installing, operating, or maintaining the system, it is important to inspect all existing wiring to ensure it meets the appropriate specifications and conditions for use.
9. Ensure that the battery and system component connections are secure and proper to prevent damage or injuries caused by improper installation.



**WARNING: *To reduce the risk of injury, read all instructions!***

**All work on this product (system design, installation, operation, setting, configuration, and maintenance) must be carried out by qualified personnel. To reduce the risk of electric shock, do not perform any servicing other than those specified in the operating instructions unless qualified to do so.**

1. Read all instructions before installing. For electrical work, follow all local and national wiring standards, regulations, and these installation instructions.
2. Make sure the inverter is properly grounded. All wiring should be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.
3. The inverter and system can inter-connect with the utility grid only if the utility provider permits. Consult with the local AHJ (Authority Having Jurisdiction) before installing this product for any additional regulations and requirements for the area.
4. All warning labels and nameplates on this inverter should be clearly visible and must not be removed or covered.
5. The installer should consider the safety of future users when choosing the inverter's correct position and location as specified in this manual.
6. Please keep children away from touching or misusing the battery and relevant systems.

**DISCLAIMER**

EG4 reserves the right to make changes to the material herein at any time without notice.

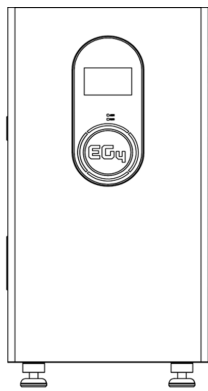
Please refer to [www.eg4electronics.com](http://www.eg4electronics.com) for the most updated version of our manuals/spec sheets.



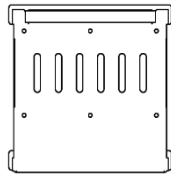
## 4. PACKING LIST

The items listed below will arrive with the product shipment:

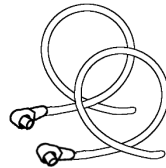
### EG4 WallMount Indoor 280Ah



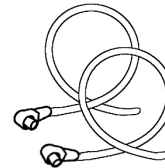
(1) EG4 WallMount Indoor 280Ah



(1) Mounting Bracket\*



(2) Red power cables 2/0 AWG (39.4 in.)



(2) Black power cables 2/0 AWG (39.4 in.)



(6) Concrete Expansion Bolts



(1) Battery to Inverter Communication Cable

**\*The included mounting bracket will arrive attached to the back of the battery**

## 4.1 LOCATION SELECTION AND INSTALLATION

Requirements for installation location:

- The WallMount Indoor battery is heavy. Use a lift or other equipment to lift and carry the unit.
- The battery can be installed against a flat wall, but the weight of the battery should not be fully supported by the wall. To help with this requirement, the battery comes with pre-installed feet that should be used to carry the weight of the battery.
- If the battery is installed against a wall, the wall should be made of non-combustible material. If this is not possible, then the unit **MUST** have a minimum of 2 in. (50.8mm) clearance from the wall. Also note that whatever mounting solution that is used to grant the 2 in. clearance from the wall **MUST** be made of a non-combustible material.
- If installing on flat ground as a standalone unit, ensure there is proper drainage on the ground surrounding the battery to maintain integrity of the module over time and prevent damage from flooding. If installing against a wall, ensure at least a 12 in. (305mm) gap on each side of the unit for adequate airflow and operations.
- Ensure the battery is mounted upright.



**NOTE:** *The battery will be shipped with temporary lifting handles for removing the battery from its packaging. The battery is very heavy. Use the team-lift technique during installation and remove the temporary lifting handles before making any connections within the system.*

## 5. PARALLEL EXAMPLES

The diagrams below show different parallel orientations. These diagrams are for reference only!

### 5.1 BATTERY CABLE CONNECTIONS

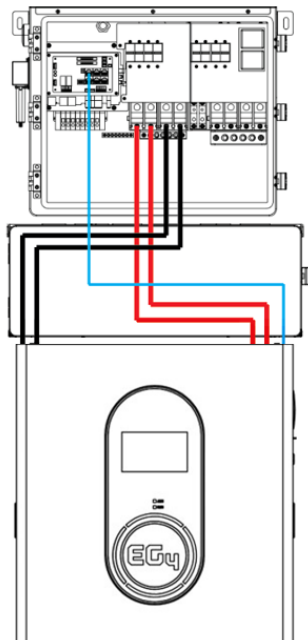
The following battery cable connection diagrams are examples using the internal busbars to parallel the batteries together and attach the inverter(s) to the batteries. When relying on the internal busbars, up to 3 batteries are supported in parallel when connected to a single inverter, 4 batteries in parallel when connected to 2 inverters, or up to 5 batteries in parallel when connected to 3 inverters.

Systems with more batteries than these configurations require the use of an external fused positive busbar and an unfused negative busbar rated at a minimum of 200A per battery. Each fuse should be a maximum of 250A. Alternatively, larger systems could rely on the 18kPV's ability to draw from different battery packs while still paralleling inverters rather than utilizing external busbars.

The maximum recommended number of paralleled 18kPV inverters is 6. If this approach is used, we recommend a ratio of 2 batteries per pack controlled by each 18kPV inverter. Separating packs is only recommended if each pack's average SOC is monitored over time and does not diverge by more than 10%. Common busbars are superior to separating battery packs but it may be difficult to source fused positive busbars rated to greater than 1800 Amps. This translates into separating packs larger than 9 batteries. Refer to NEC code and the local AHJ for exact requirements.



**NOTE:** In the following diagrams, units are spaced 12 in. apart. Local regulations may require a larger minimum battery spacing. Check with the local AHJ for these requirements. If longer parallel cables than are available in the optional paralleling kit are necessary, please check with the distributor for availability.



**Note:** To comply with the UL9540 listing for this integrated battery, conduit box, and inverter system, the batteries must be wired as shown using the supplied inverter to battery cables. *An additional paralleling kit is required for each additional paralleled battery (sold separately).*



**Caution:** *To minimize voltage drop in the wire, the battery cables should maintain optimum length. The 53.1 in. cables from the "parallel kit" are sufficient to daisy chain the batteries.*

Figure 1 – (1) 18kPV Inverter with (1) WallMount

## 5.2 ADDITIONAL CONFIGURATIONS

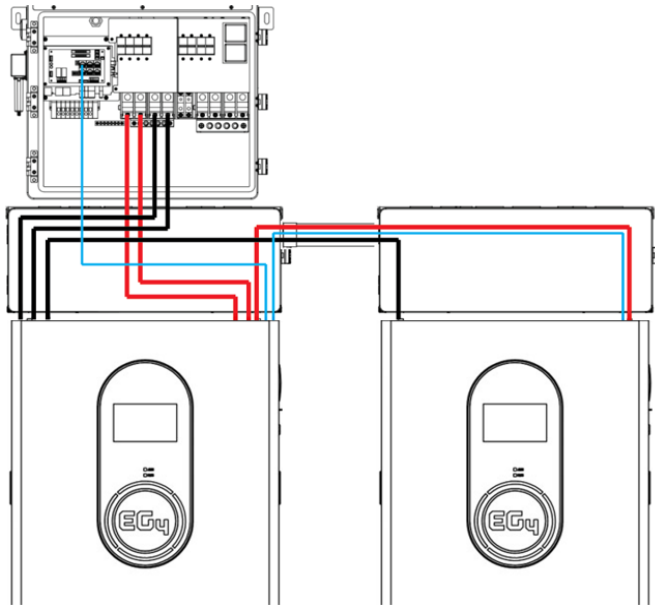


Figure 2 – (1) 18kPV Inverter with (2) WallMount

### Color Code

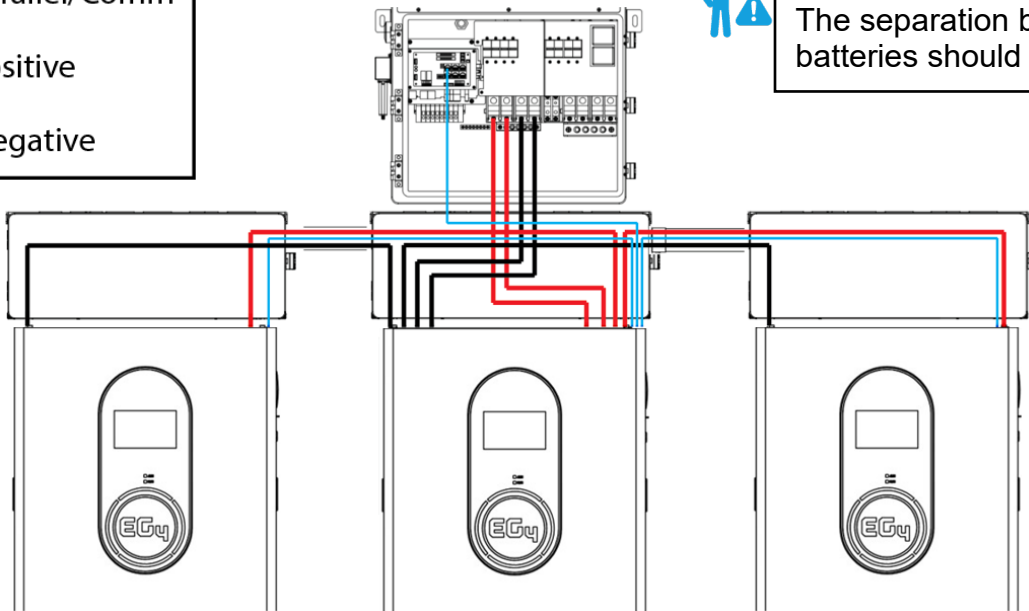
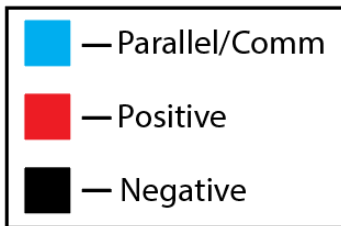


Figure 3 – (1) 18kPV Inverter with (3) WallMount

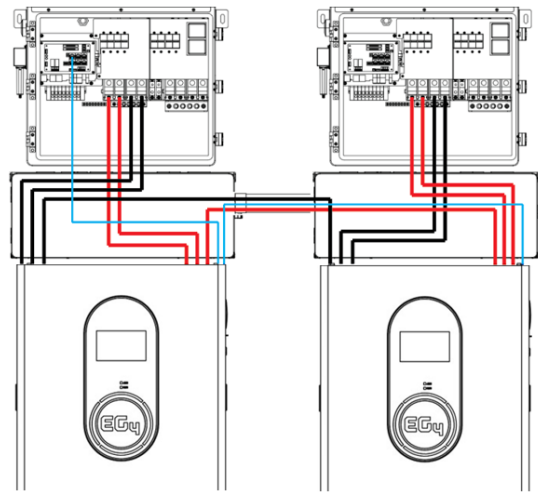


**Note:** Some configurations require additional wiring/connectors to achieve the example layouts. Inverter to inverter paralleling cables are not shown in the following diagrams. *Other configurations can be achieved by using external busbars. Please seek the guidance of an electrician or qualified personnel for optional system layout.*

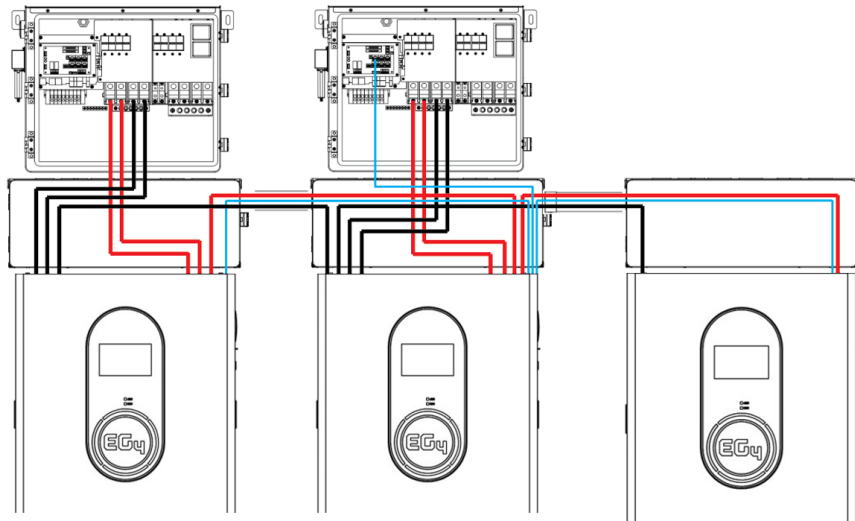
**Pro Tip:** One EG4-18kPV and a minimum of 2 WallMount units is the recommended configuration to maximize the system's functionality.



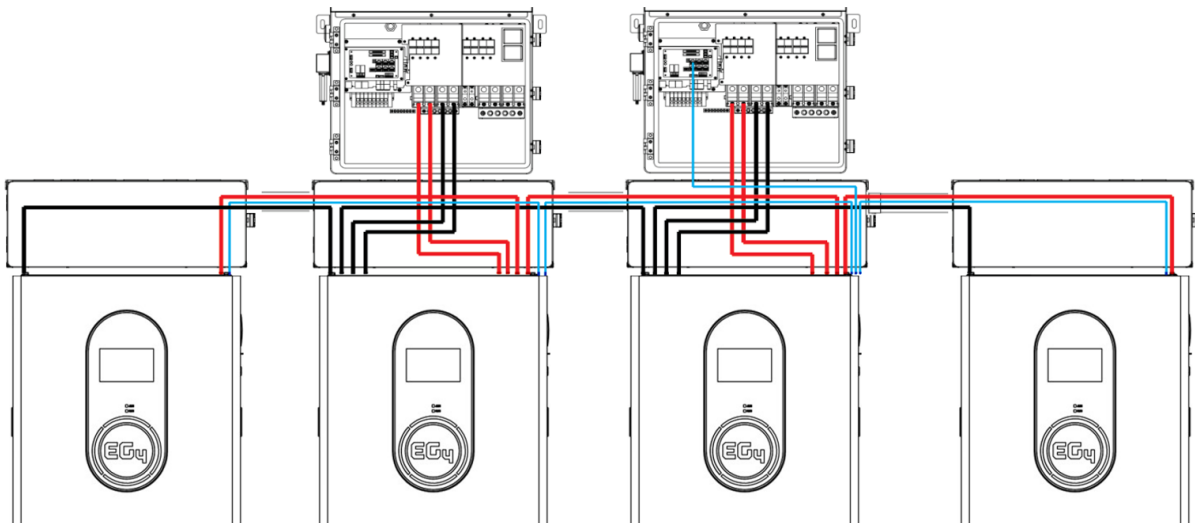
**Reminder!**  
The separation between batteries should be  $\geq 12$  in.



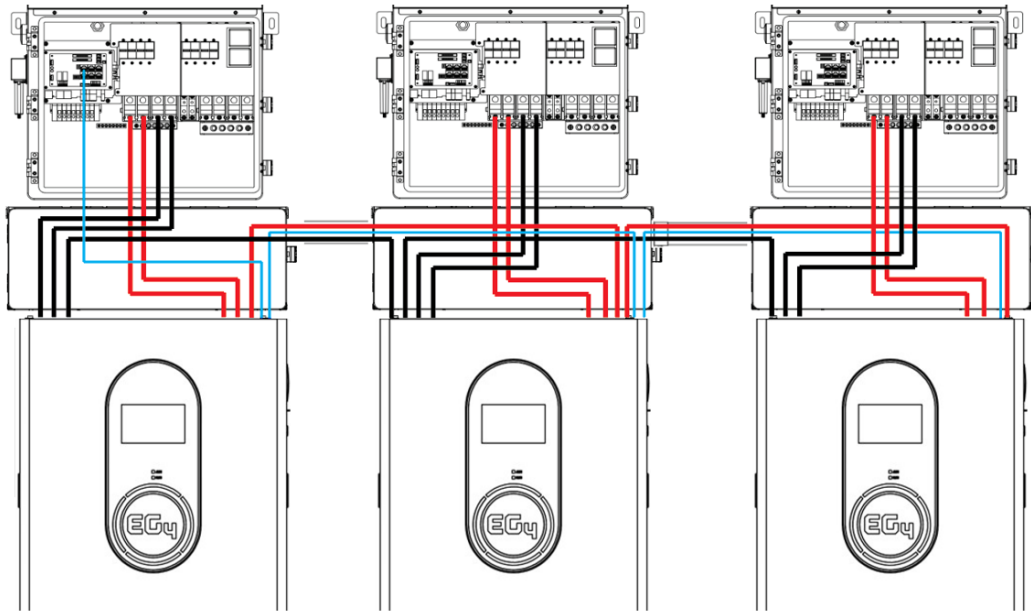
**Figure 4 – (2) 18kPV Inverter with (2) WallMount**



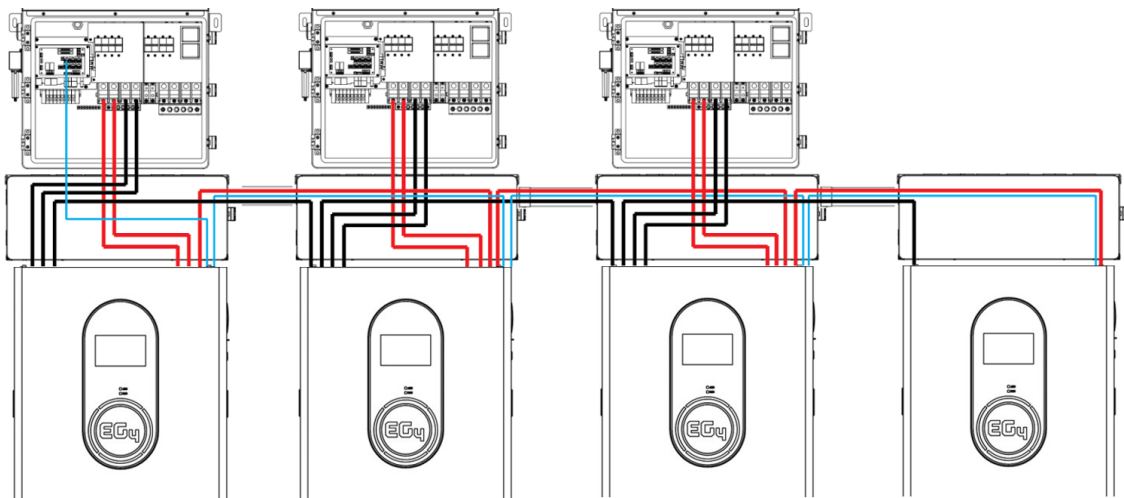
**Figure 5 – (2) 18kPV Inverter with (3) WallMount**



**Figure 6 – (2) 18kPV Inverter with (4) WallMount**

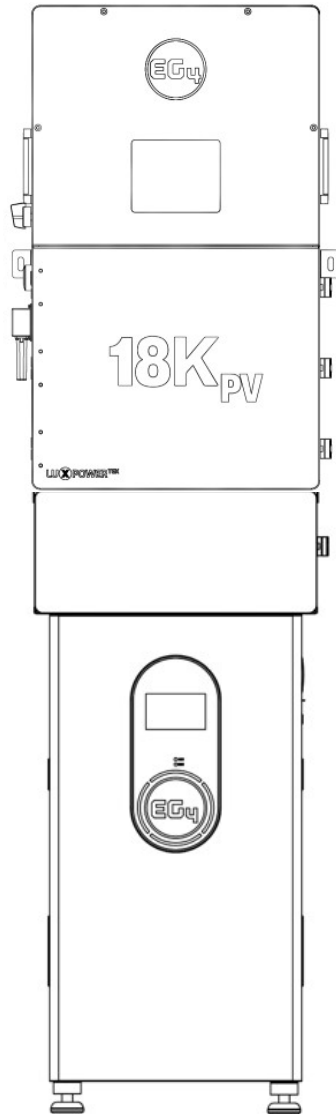


**Figure 7 - (3) 18kPV Inverter with (3) WallMount**

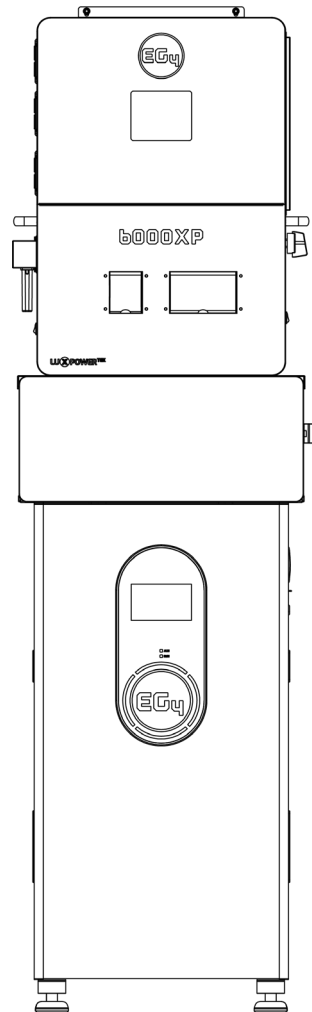


**Figure 8 - (3) 18kPV Inverter with (4) WallMount**

## 6. ORIENTATION EXAMPLES



(1) 18kPV Inverter +  
(1) WallMount Indoor  
Battery



(1) 6000XP Inverter +  
(1) WallMount Indoor  
Battery

## 7. INSTALLING THE BATTERY

Follow the steps listed below to ensure the WallMount Indoor battery is mounted correctly.



### **WARNING: Do not put EG4 WallMount batteries in series!**

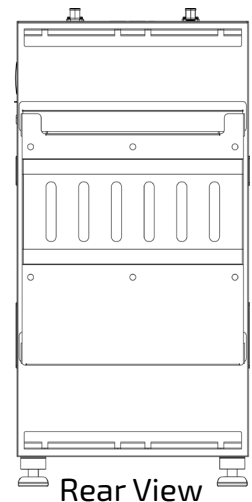
*The BMS and internal components are not designed to handle this setup, which could cause the modules to fail, leading to damage.*



**NOTE:** *The battery will be shipped with temporary lifting handles for removing the battery from its packaging. EG4 recommends these handles be removed before making any connections.*

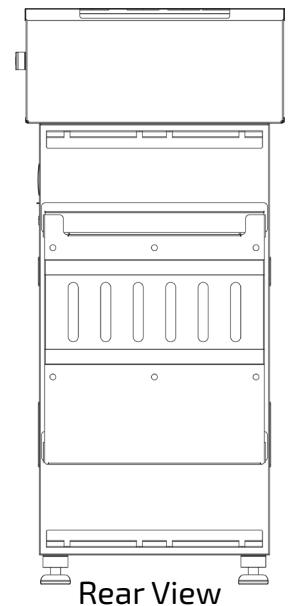
### 7.1 STANDALONE BATTERY INSTALL

1. Remove the 4 set screws holding the mounting bracket to the back of the battery pack and set them to the side.
2. Remove the mounting bracket from the battery.
3. Position the bottom of the mounting bracket on the wall at desired mounting height, with a minimum clearance of 29.2 in. (74.2mm) from the ground.
4. Using a level, ensure the bracket is level and drill 6 holes to accommodate the mounting hardware used.
5. Secure the mounting bracket to the wall using the included expansion bolts or appropriate hardware required for the mounting surface.
6. Attach the battery pack to the mounting bracket. Using the team-lift technique, lift the battery and hook the back flange onto the front flange of the mounting bracket.
7. Secure the battery to the mounting bracket using the 4 included side screws.
8. Finally, properly ground the battery, attaching a grounding conductor to the M6 grounding screw on top of the battery to the Equipment Grounding System. **DO NOT GROUND THE NEGATIVE BATTERY CABLE!**



### 7.2 BATTERY INSTALL WITH CONDUIT BOX

1. Remove the 4 set screws holding the mounting bracket to the back of the battery pack and set them to the side.
2. Remove the mounting bracket from the battery.
3. Position the mounting bracket on the wall at desired mounting height, with a minimum clearance of 29.2 in. (74.2mm).
4. Using a level, ensure the bracket is level and drill 6 holes to accommodate the mounting hardware used.
5. Secure the mounting bracket to the wall using the included expansion bolts (concrete or brick walls) or appropriate hardware for the mounting surface.
6. Attach the battery to the mounting bracket. Using the team-lift technique, lift the battery and hook its back flange onto the front flange of the mounting bracket.
7. Secure the battery to the mounting bracket using the 4 included side screws.
8. Attach the optional conduit box to the top of the battery using the included hardware.
9. Finally, properly ground the battery, attaching a grounding conductor to the M6 grounding screw on top of the battery to the equipment grounding system. **DO NOT GROUND THE NEGATIVE BATTERY CABLE!**



**NOTE:** *If mounting the bracket at 29.2 in. (74.2mm) from the ground, the battery will rest on the ground.*

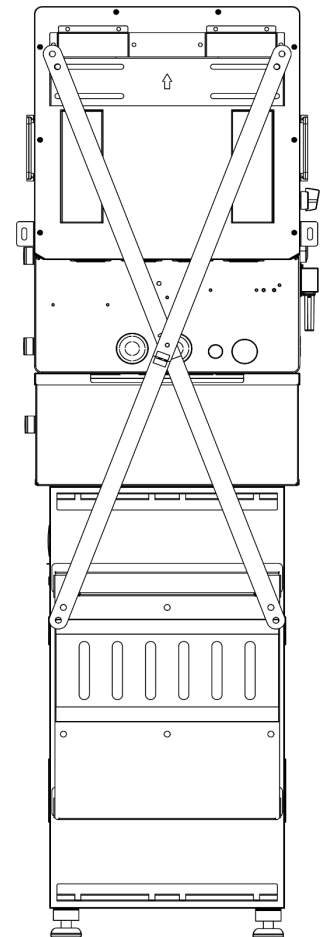
## 7.3 BATTERY INSTALL WITH CONDUIT BOX & EG4 INVERTER

The WallMount Indoor battery is designed to integrate with the EG4 18kPV hybrid inverter, as well as the 6000XP off-grid inverter.

Follow the steps listed below to ensure proper connections are made in the system:

1. Remove the 4 set screws holding the mounting bracket to the back of the battery pack and set them to the side.
2. Remove the mounting bracket from the battery.
3. Position the mounting bracket on the wall at desired mounting height, with a minimum clearance of 29.2 in. (74.2mm).
4. Using a level, ensure the bracket is level and drill 6 holes to accommodate the mounting hardware used.
5. Align the provided X-bracket with the holes on the mounting bracket and secure both to the wall, using the included expansion bolts (concrete/brick walls) or appropriate hardware required for the mounting surface. The X-bracket will be behind the mounting plate, against the wall.
6. Attach the optional conduit box to the top of the battery using the included hardware.
7. Attach the inverter to the mounting bracket and ensure the inverter's bottom knockouts align with the conduit box.
8. Finally, properly ground the battery, attaching a grounding conductor to the M6 grounding screw on top of the battery to the equipment grounding system. **DO NOT GROUND THE NEGATIVE BATTERY CABLE!**

The image to the right represents a completed install showing a rear view.



Rear View



## 7.4 PRE-WIRE STEPS AND WIRING

Refer to the table below for wire size and torque recommendations for the battery cables.

# OF CABLES	CABLE SIZE	MAX. DISTANCE	TORQUE VALUES
2 sets (18kPV)	1/0 AWG (53.5 mm <sup>2</sup> )	10 ft.	Max. 165 in-lbs. (18.6 Nm)
2 sets (18kPV)	2/0 AWG (67.4 mm <sup>2</sup> )	20 ft.	Max. 165 in-lbs. (18.6 Nm)
1 set (6000XP)	1 AWG (38 mm <sup>2</sup> )	10 ft.	Max. 106 in-lbs. (12 Nm)



### IMPORTANT

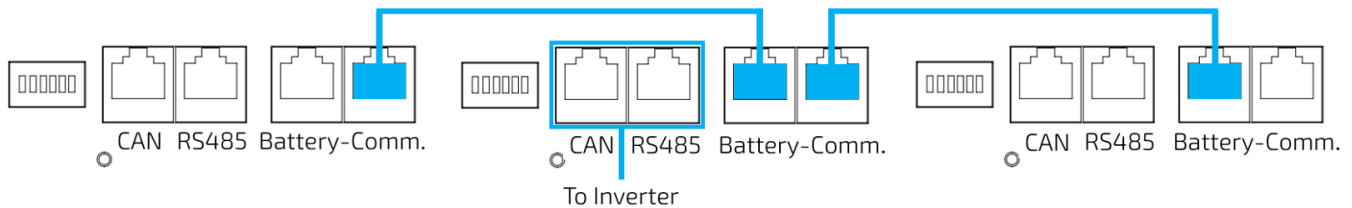
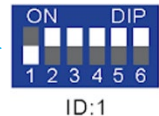
The battery can charge/discharge up to 200A before the BMS shuts off the pack. Ensure the inverter is configured to handle this high of a current and size all wires accordingly! Refer to an NEC approved ampacity chart or consult with the installer or a solar electrician for more information.

## 7.5 MULTIPLE BATTERY PARALLEL INSTALL

When paralleling multiple WallMount Indoor batteries, a paralleling kit must be purchased through the distributor.

Follow the steps outlined below to ensure proper installation of multiple batteries in parallel.

1. Ensure all circuit breakers are open (off). Using a multimeter, check for voltage at all available disconnects and lines. Once no voltage is confirmed, proceed to the next step.
2. Set the DIP switch address on the master battery to address 1, and all other batteries in parallel to differing addresses going in ascending order. (See image) →
3. Reset the battery BMS via the power button to register the address change.
4. Set up communication between the batteries via the “Battery-Comm” ports by using a CAT 5, 5e, or 6 cable.



5. The battery set to address 1 will connect directly to the inverter BMS communication port via CAT 5, 5e or CAT 6 cable.
6. Install battery paralleling cables between the batteries included in the optional paralleling kit ensuring the connectors are seated properly.

## 7.6 MULTIMETER TESTING AND WIRING

Follow the steps outlined below to both test the inputs and wire the battery pack to the inverter.

1. Ensure all circuit breakers are open (off). Using a multimeter, check for voltage at all available disconnects and lines. Once no voltage is confirmed, proceed to the next step.
2. Connect the included sets of 2/0 AWG (70mm<sup>2</sup>) connectors to the battery's positive and negative terminals. The connectors will "click" when seated properly.



**NOTE:** If installing the battery pack with the optional conduit box, secure the conduit fittings to the enclosure using the counter nuts after step 2.

3. If applicable, route the battery power cables through the conduit box to the inverter **without making any connections!**

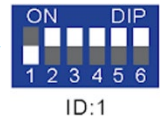


**DANGER! No connections should be made until proper polarity of cables has been confirmed!**

4. Ensure proper polarity of cables. Once confirmed, proceed to the next step.
5. Install the 2 positive battery cables (1 positive cable for the 6000XP) to the inverter's positive battery terminals following proper torque values.
6. Install the 2 negative battery cables (1 negative cable for the 6000XP) to the inverter's negative battery terminals following proper torque values.

## 8. BMS COMMUNICATIONS

EG4 batteries interface with compatible inverters by designating a "Master" battery (DIP switch ID No. 1).





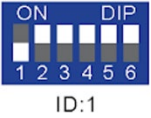
The battery will connect directly to the inverter via an RS485 battery communications cable or a standard CAT 5, 5e, or 6 cable for closed loop communications with supported EG4 and non-EG4 inverters using CAN bus protocol.

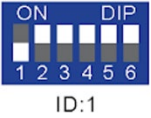
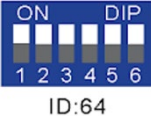
The PC software "BMS TOOLS" provides real-time battery analysis and diagnostics. The battery cannot communicate with the software and a closed loop inverter simultaneously.

Scan the QR code for a white sheet walking through the BMS Tools setup process.



## 8.1 CLOSED LOOP COMMUNICATIONS

1. Power off all battery DC breakers and BMS power buttons.
2. The inverter protocol can only be changed with the master battery temporarily set to address 64 (all switches ON). After the DIP switch is changed, restart the BMS using the BMS power button for the settings to take effect. (See image) 
3. On the master battery, press and hold the “Return”  key for 5 seconds and release to enter the “Protocol Setting” menu.
4. Select the corresponding CAN protocol (P01-EG4/LUX) for the system if using EG4 inverters, (See table below).
5. Change the master DIP switch address back to address 1 for inverter communications & power cycle the BMS. (See image) 



The tables below show compatibility lists depending on the type of communication protocol used for closed-loop communications between battery and inverter.

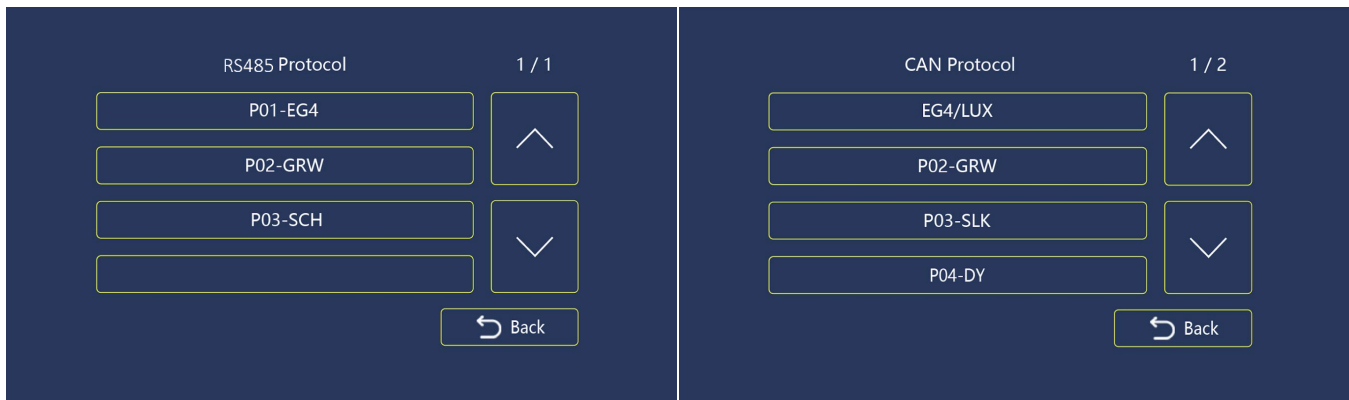
CLOSED LOOP COMMS. WITH EG4 INVERTERS	
MODEL	PROTOCOL SELECTION
18kPV/6000XP	CAN – P01

CAN PROTOCOL LIST	
PROTOCOL #	MANUFACTURER
P01-EG4/LUX	EG4/LUX
P02-GRW	Growatt
P03-SLK	Sol-Ark
P04-DY	Deye
P05-MGR	Megarevo
P06-VCT	Victron
P07-LUX	Luxpower
P08-SMA	SMA

RS485 PROTOCOL LIST	
PROTOCOL #	MANUFACTURER
P01-EG4	EG4
P02-GRW	Growatt
P03-SLK	Sol-Ark
P04-SCH	Schneider



**\*NOTE:** Both the CAN Protocol and RS485 Protocol menus are password protected. The default password for both CAN and RS485 menus is “123456”.



**\*NOTE:** Closed loop communications using RS485 protocols require a specific pinout on the comms cable from battery to inverter. Refer to the table below for EG4 specifics.

EG4 INVERTER MODEL	PROTOCOL	COMMUNICATION CABLE PINOUT
18kPV	CAN	To inverter – RJ 45 Pin 4-H & Pin 5-L To battery – RJ 45 Pin 4-H & Pin 5-L
	RS485	To inverter – RJ45 Pins 7-A & 8-B To battery – RJ45 Pins 1-B & 2-A
6000XP	CAN	To inverter – RJ 45 Pin 4-H & Pin 5-L To battery – RJ 45 Pin 4-H & Pin 5-L
	RS485	To inverter – RJ45 Pins 1-B & 2-A To battery – RJ45 Pins 1-B & 2-A
3000EHV (Legacy Product)	RS485	To inverter – USB Type B To battery – RJ45 Pins 1-B & 2-A
8KEXP (Legacy Product)	CAN	To inverter – RJ 45 Pin 4-H & Pin 5-L To battery – RJ 45 Pin 4-H & Pin 5-L
	RS485	To inverter – RJ45 Pins 7-B & 8-A To battery – RJ45 Pins 1-B & 2-A
6000EX (Legacy Product)	RS485	To inverter – RJ45 Pins 3 & 5 To battery – RJ45 Pins 1-B & 2-A
6500EX (Legacy Product)	RS485	To inverter – RJ45 Pins 3 & 5 To battery – RJ45 Pins 1-B & 2-A

## 9. FIRMWARE UPDATES

Always ensure all system components are fully up to date before commissioning the system. Navigate to the EG4 WallMount Indoor battery product page by using the QR code below to find the latest downloads for the battery. A PDF walkthrough will be included in the downloaded .zip file.



If encountering difficulties during the updating process, contact the distributor for more information.





## CONTACT US

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