BigBattery
Own Your Power

# HUSKY 2 PWR

FHSKY-48051-G2-PWR

The 48V 5kWh HUSKY 2 (High Power Version) is a durable and high-performance $LiFePO_4$ battery designed for low-voltage applications like golf carts, boats, and ATVs and more. Each 5.12kWh module supports easy expansion up to 80kWh and includes advanced safety, monitoring, and communication features for seamless integration into larger systems.

## FEATURES

- Lithium Iron Phosphate ($LiFePO_4$) chemistry with advanced BMS
- Expandable up to 80kWh via simple parallel connections
- Built-in heating, fire suppression, and multi-layer safety protection
- Impact-resistant, water-resistant, and well-insulated ABS enclosure
- Standard M8 power connectors and RJ-45 ports
- CAN bus and RS-485 for parallel communication
- LED SOC meter, external SOC option, and mobile monitoring app
- IP65 / NEMA 4X protection rating
- Smart BMS with auto-cell balancing
- Self-heating function

**Note:** This battery can't communicate with any inverter.

## CONTACT US

**Phone:** (818)-280-3091 **Email:** Sales@BigBattery.com
**Hours:** Monday - Friday, 9:00 AM - 5:00 PM PST
**Address:** 400 Maple St, Commerce TX, 75428

**Scan to View 48V HUSKY 2 User Manual**




## FREQUENTLY ASKED QUESTIONS

**How do I connect this battery into my existing system?**

These batteries use a standard M8 terminal. This battery can be connected directly to the on-board wiring system. You may also purchase additional cables from BigBattery.

**How many times can I put this battery in parallel/series?**

These batteries are not series capable but can be connected in parallel up to sixteen times. Make sure that the total amount of these batteries in your configuration never exceeds sixteen total batteries. When connecting batteries in parallel, ensure all batteries are at the same voltage.

**How long will my battery last, and what do I do at the end of its life?**

Lithium iron phosphate (LiFePO4) batteries can be cycled from 3500 - 6000+ times. If you cycle the battery daily then you can get more than 12 years of use from your battery. When your battery is at the end of its lifespan, contact us and we'll re-cycle it for you, free of charge!

# BATTERY SPECIFICATIONS



## 48V

| | |
|---|---|
| **SKU** | FHSKY-48051-G2-PWR |
| **System Voltage** | 48V |
| **Nominal Voltage** | 51.2V |
| **Chemistry** | LiFePO4 |
| **kWh Capacity** | 5.12 kWh |
| **Ah Capacity** | 100 Ah |
| **Charging Voltage Range** | 55.6V - 57V |
| **Max Charge Voltage** | 57.6V |
| **Operating Voltage Range** | 48V - 57V |
| **Suggested Low Voltage Cutoff** | 48V - 50.8V |
| **BMS Cutoff Range** | 42V - 47V |
| **Cell Configuration** | 16S |
| **Max Cont. Discharge Current** | 160A |
| **Peak Discharge Current** | 350A (Max 10 seconds) |
| **Instantaneous Current** | 800A (Max 0.1 ms) |
| **Max Charge Current** | 100A |
| **Charge Temperature Range** | -4°F - 122°F |
| **Discharge Temperature Range** | -4°F - 131°F |
| **Optimal Discharge Temp. Range** | 59°F - 95°F |
| **Storage Temp. Range (SoC >50%)** | -4°F - 113°F<br>(Max 6 months) |
| **Dimensions (DxWxH)** | 12.6 x 18.1 x 9.8 in<br>(320 x 460 x 249 mm) |
| **Weight** | 100 lbs (45.4 kg) |
| **Max Connections** | Up to (16) Parallel |
| **Protection Rating** | IP65 / NEMA 4X |
| **Communications** | CANBus / RS485 |
| **Heating Function** | Yes |

Last Revision Date: 10/02/2026