



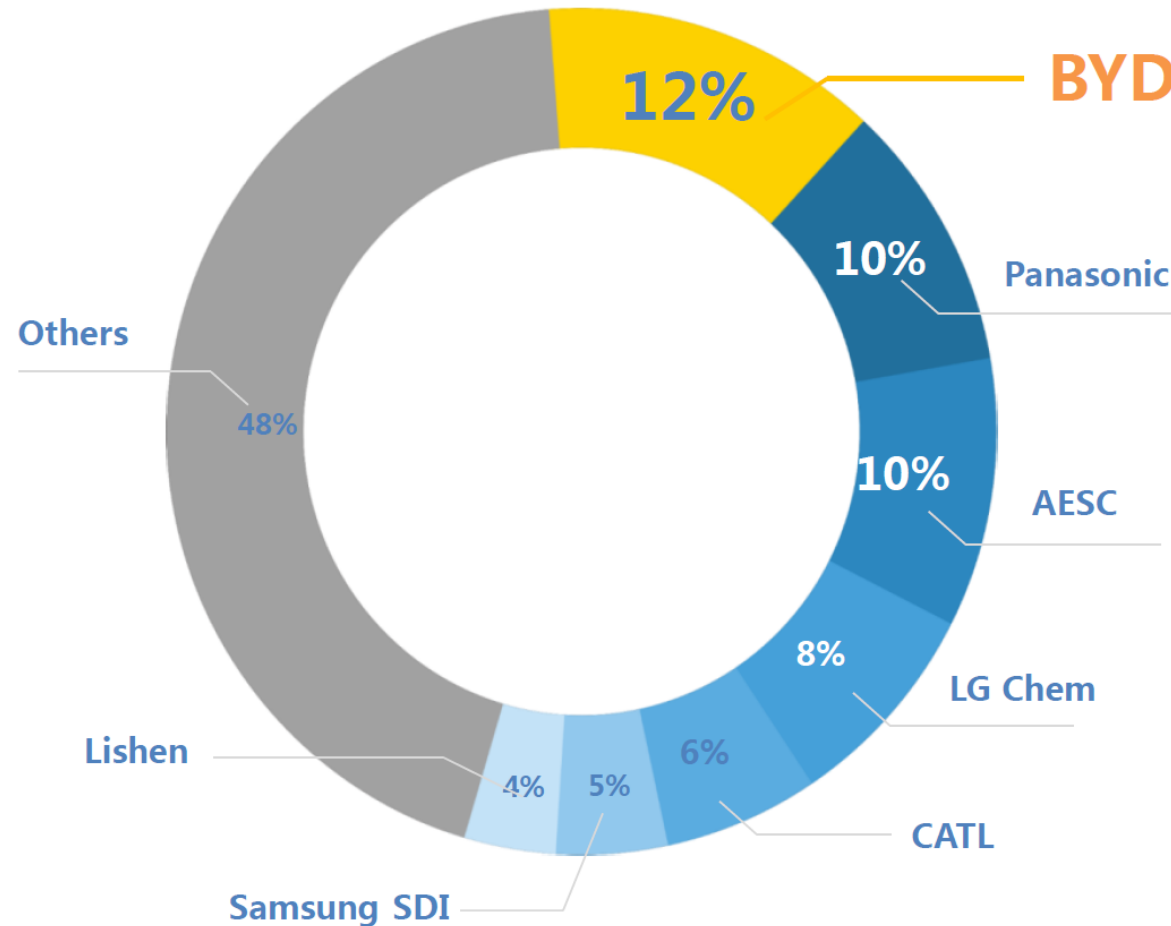
INTRODUCING THE SOLARBATT KRATOS



WHY CHOOSE THE SOLARBATT KRATOS?

- Manufactured by the world's biggest rechargeable Lithium battery manufacturer (BYD).
- Built and engineered for the Zeus Appollo Z21 Hybrid series.
- Local service and warranty support.
- Expandable to suit your requirements now AND in the FUTURE.
- Safest Lithium battery chemistry (LFP/ LiFePO4).

2016 GLOBAL LITHIUM POWER & STORAGE BATTERY DELIVERED CAPACITY



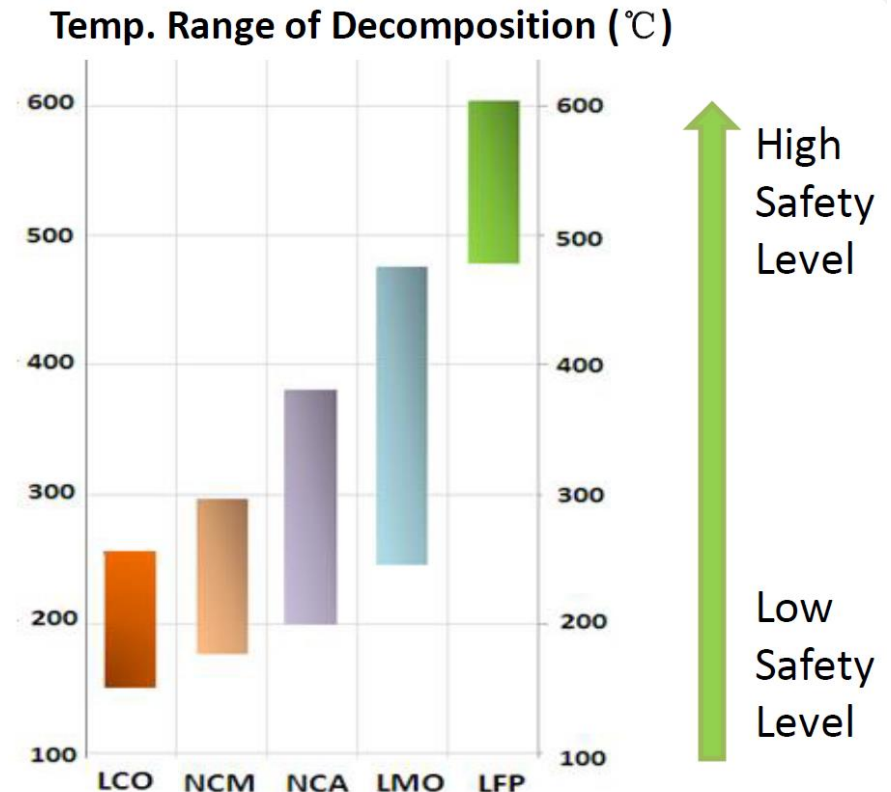
Source: 2016 Bloomberg New Energy Finance

WORLD'S LARGEST MANUFACTURING ABILITY



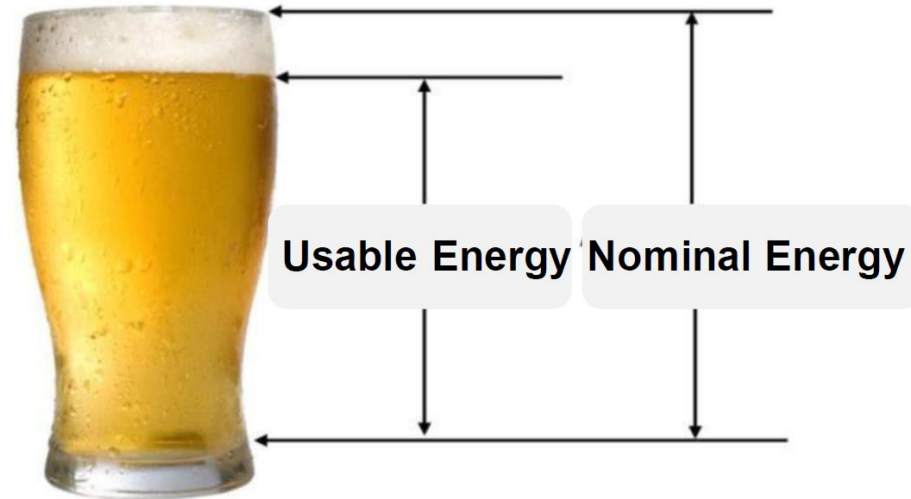
SAFETY: PRIORITY NUMBER ONE

Brand	Chemistry
Solarbatt	LFP
LG	NMC/LMO
Samsung	LMO/NCM/NCA
Tesla	NMC
LiShen	LFP
CATL	LFP/NCM



From a chemistry point of view, LFP has the highest safety level.

CAPABILITY: PRIORITY NUMBER TWO



	Tesla Product	LG Product	Kratos B10L7.5M
Nominal Energy	7kWh	6.4kWh	7.5kWh
Useable Energy	6.4kWh	5.75kWh	7.37kWh
Useable Ratio	91.4%	89.8%	95.9%

KEY FEATURES

Safe Battery Chemistry

- The Kratos is designed with LiFePO4 Chemistry, with a proven safety track record. The thermal run away temperature is over 480 C°. Due to this, LiFePO4 should be the only Lithium battery chemistry you choose for residential and commercial applications.

High Power Output and Useable Ratio

- The Kratos is capable of delivering very high charge and discharge currents which allow for the best return of investment. The system is able to reach C rate at 1C continuously and 2C at peak. With its smart design concept, it can deliver a usable ratio of 96%



KEY FEATURES

Modular Design

- The modular design of the Solarbatt Kratos allows provides the option to upgrade the system at a later date. Up to 80kWh of modules can be used in a single 48V bank.

Natural Cooling

- Designed with natural cooling, the Solarbatt Kratos will run quieter than similar products that use other forced cooling methods. It also removes a potential failure point of the system such as fans which can require maintenance over time.



KEY FEATURES

Easy Installation

- Aside from being easily expandable, the modular design of the Solarbatt Kratos allows for a very quick and easy installation. Rather than have multiple people transport a 150kg+ all in one solution, the Solarbatt Kratos can be moved around and installed by a single person.

10 Year Warranty

- A 10 year warranty for your customers peace of mind means their investment will be protected for many years to come.



KEY OPERATING PARAMETERS

How to determine the greatest long-term return, when selecting batteries:

- ✓ Batteries must be capable of **maximizing the total kwh** provided to the household/commercial system, in its lifetime, at the **minimum upfront costs**.
- ✓ **Main factors:** depth of discharge (DOD), nominal lifetime cycles, C-rate (power output) and efficiency. Weight is also included to provide an idea of the comparative size.
- ✓ **Solarbatt Kratos batteries are superior to competitor batteries**, on 4 out of the 5 key parameters.

Company	Product	Chemistry	Nominal Lifetime Cycles	DOD	Efficiency	C-Rate (Discharge Time)	Weight (kg)
Tesla (Panasonic)	Powerwall 7	NMC	3650	90%	92	0.47	15
LG Chemical	RESU 6.4	NMC	6000	90%	95	0.3	10
Pylon	Extra2000	LiFePO4	4000	80%	92	0.5	16
Solarbatt	Kratos B10L2.5M	LiFePO4	6000	100%	97	1	16

The Solarbatt Kratos has 4 key competitive benefits to consumers:

1 Safest and most reliable battery

- ✓ LFP Battery has the **highest thermal stability** among lithium ion technologies.
- ✓ The Kratos **C-rate is 1 (continuous output of 2.5 Kw)**, much higher than most other available batteries (LG, Tesla, etc. = 0.3-0.5). This will mean less power needing to be imported from the grid!

2 Completely Silent

- ✓ **The Kratos does not require any forced cooling**, making it completely silent.
- ✓ Other systems using NCM chemistry, such as Panasonic (Tesla), LG and Samsung, require a forced cooling system, which produces noise and expend energy.

3 Expandable & Flexible Operation

- ✓ The Kratos has a **modular capacity from 2.5 Kwh to 80 Kwh**. Extra capacity can therefore be **retrofitted at a later date as required**.
- ✓ It can be used for **Domestic, Commercial and Industrial** applications.

4 Highest Usable Energy

- ✓ Thanks to a combination of the most robust chemistry (LFP), 20 years of manufacturing experience and R&D it can reach **97% of usable capacity**
- ✓ The battery management system inside the battery allows you to set **DOD to 100%**
- ✓ Utilize your battery to its **maximum capacity**

MORE INFORMATION

For further information, please visit www.zeusappollo.com or contact your nearest Solarbatt distributor.



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