



**BIRUBATT**

**C&I Energy Storage Series**

**FEATURES & BENEFITS:**



**Modular design**  
All Battery-Box systems feature a modular design to provide maximum flexibility.



**Optimized Performance**  
Optimized performance and efficiency



**5 Years Warranty**  
5 years manufacturer's defect warranty



**Long life span**  
Reliability and long life span is verified by multiple aging tests



**Certification**  
All products have been certified by international standards including CE and RCM

**APPLICATIONS**



**Emergency power**  
In the case of a power failure, this storage system is ready to supply power in a split second



**Improve self consumption**  
Increase the utilization of the power



**Peak load shifting**  
Cut your consumption peak and save money by reducing loads



**Off-grid power supply**  
Set up your own power grid, e.g. in conjunction with a photovoltaic system

**Key Features**

- Modular design
- 24/7 Monitoring with local interface
- Easy installation and low maintenance

**Lithium-ion Battery**

Eco-friendly lithium battery  
Over 3600 times cyclic charge-discharge  
Over 10 years battery life span

PRODUCT BROCHURE



**ENERGY STORAGE SYSTEM**

**HIGH VOLTAGE SERIES**

**BIRUBATT**

**PT. INDO ENERGI ELEKTRIK**

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**WHERE HIGH PERFORMANCE AND  
SCALABILITY MEETS AFFORDABILITY**



AC-coupling



intelligent controller



lithium battery



aviation plug connector

Standardized cabinet modular concept, High voltage system is design for customized energy integration, the total capacity can be easily expanded by connecting extra cabinets by side. Benefiting the advantages of low noise, the system can be also deployed for silence required environment. The cabinet is all integrated, equipped with temperature sensors and system monitoring module, small space occupation, flexible configuration, ideal for various commercial and industrial applications.

Storage system is optimized for particularly demanding operations in commercial enterprises with storage requirements in excess of 73 kilowatt-hours. The investment costs for the system and the price per kWh stored remain low thanks to the system's particularly high cost-efficiency.

**OFF-GRID**

High voltage system can be integrated into stand-alone grids and connected to the utility grid. They can be flexibly combined with any sort of energy generator, including photovoltaics, bio energy, wind power and diesel generators.

**Product Specification**

Product Specification		
Item	Technical Parameter	
Cell Type	LFP48173170E-120Ah	
Battery Type	BB-38240	BB-76120
Combination Methode	(192S~240S) 2P	(192S~240S) 1P
Nominal Voltage (V)	614.4 ~ 768	614.4 ~ 768
Nominal Capacity (Ah)	240	120
Nominal Energy (KWh)	147.46 ~ 184.32	73.73 ~ 92.16
Standard Charge Current (A)	120 (0.5C)	120 (1C)
Maximum Charge Current (A)	150 (0.625C)	150 (1.25C) 5S
Standard Discharge Current (A)	120 (0.5C)	120 (1C)
Maximum Discharge Current (A)	150 (0.625C)	150 (1.25C) 5S
Operating Voltage (V)	500 ~ 850	500 ~ 850
Dimension (W*D*H) (mm)	1086*732.5*2220	551*732.5*2270
Weight (Kg)	1850 (±20)	950 (±15)

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