










## Tower-X-HV-716V100Ah

### Product Features

-  Supports 3-7 battery modules in series, ensuring flexible expansion and scalability.
-  Supports OTA remote upgrades for seamless updates and ensures simple, hassle-free maintenance.
-  Automatically detects master-slave battery configuration without requiring DIP address settings.
-  Supports up to 6 clusters in parallel, enabling higher energy capacity and scalability.
-  BMS leverages cloud technology to enable real-time remote balancing, significantly enhancing battery performance. This ensures optimized cycles and longevity, guaranteeing reliable operation for over 10 years.
-  Effortlessly connect via Wi-Fi for remote monitoring anytime, anywhere. Our modular, plug-and-play design ensures quick installation and seamless operation.
-  Connecting more than two clusters in parallel eliminates the need for a Combiner Box, reducing both installation and equipment costs.
-  Utilizes advanced BMS algorithms and cloud integration to ensure full-time balancing, enhancing SOC calculation accuracy for optimal battery performance.
-  Supports a maximum 1C charge and discharge rate for efficient, safe, and reliable energy flow.

Flexible  
Extension

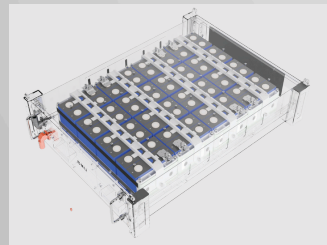


### Product Introduction

EURONET Tower-X-HV-716V100Ah offers a modular lithium iron phosphate (LiFePO<sub>4</sub>) battery system designed for high-voltage applications. It features an advanced BMS, natural cooling, and intelligent management for enhanced safety, reliability, and efficiency. With its rapid deployment and cost-effective design, it ensures top-notch energy performance and seamless operation for residential and commercial energy storage solutions.

# Tower-X-HV-716V100Ah

## Energy storage system



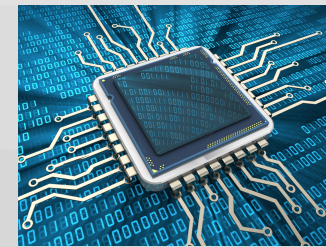
**Optimized structural safety**  
A+ quality EVE cell, 6000 cycles at 90% DOD End-plate technology



**Air-cooled design**  
Built-in high-volume turbo fan covers, strong cooling performance



**Quick connector Design**  
Plug-in cable design for easy installation

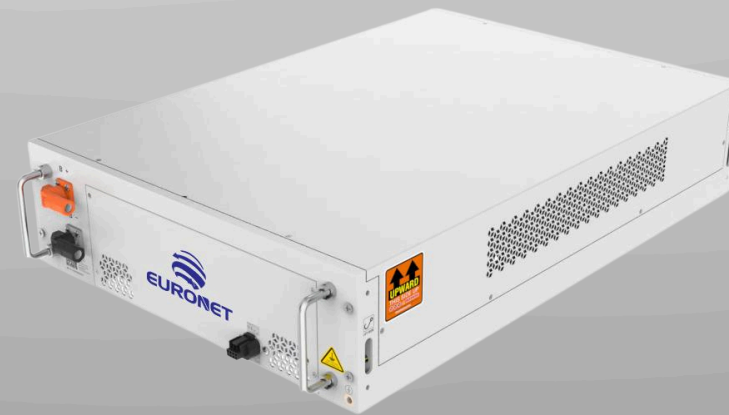


**Full-time equalization BMS**  
Synchronized intelligent regulation of cell voltage at any time condition and temperature

### Product Model HV-Tower-32S100

#### Basic Parameters

Energy	10.24kWh
Nominal Voltage	102.4Vdc
Nominal Capacity	100Ah
Voltage Range	89.6-115.2Vdc
Depth Of Discharge	90%
Dimension	745*517*153mm
Protection Grade	IP20
Net Weight	75kg
Operation Temperature	0-50°C
Storage Temperature	-20~60°C
Certificate	CE/UN38.3/MSDS



#### High-Voltage-Battery cluster control box



Product Model	HV-PDU 1000VDC100A
Basic Parameters	Magic71
Related Product	200-1000Vdc
Controller Working Voltage	200-1000Vdc
System Operation Voltage	200-1000Vdc
Charge/Discharge Current	100A(Max.) 30W
Self-Consumption Power	745*517*240mm
Dimension	Modbus RTU/CAN
Communication	IP20
Protection Grade	25kg
Net Weight	0-50°C
Operation Temperature	-20~60°C
Storage Temperature	

# Tower-X-HV-716V100Ah

## Energy storage system

### Function Parameters

Product Model	Tower-X-HV-Series
Nominal Energy	10.24*n kWh
Battery System Voltage	102.4*n Vdc
Battery System Capacity	100Ah
Battery Module	HV-Tower-32S100
Battery Module Energy	10.24kWh
Battery Modules Qty.	2-7 (Optional )
Battery System Charge Upper-Voltage	115.2*n Vdc
Charge/Discharge Current(Standard)	50A
Charge/Discharge Current(Normal)	80A
Charge/Discharge Current(Max.)	100A
Battery System Discharge lower-Voltage	89.6*n Vdc
Efficiency	98%
Depth Of Discharge	90%
Dimension	755*527*1660*N(N≤7)
Communication	Modbus RTU/CAN
Net Weight	100kg+75*n kg
Operation Life	10+years
Operation Temperature	10~40°C
Storage Temperature	-20~60°C
Humidity	5%~95%
Altitude	<2000m
Certificate	Cell UL1973/IEC62619/UL9540A/TUV/CE
Cycle Life	25±2°C/0.2C/80% DOD≥7000
Parallel CAN	yes≤4

Note: The parallel operation of 2 clusters of batteries allows a maximum current charge and discharge of 1C, the parallel operation of 3 clusters of batteries allows a maximum current charge and discharge of 0.8C, and the parallel operation of 4 clusters of batteries allows a maximum current charge and discharge of 0.7C; if the number of parallel battery clusters is > 4, You must contact our company's technical personnel for communication and confirmation before upgrading and guiding the operation and paralleling.