

COMMERCIAL ENERGY STORAGE SYSTEM

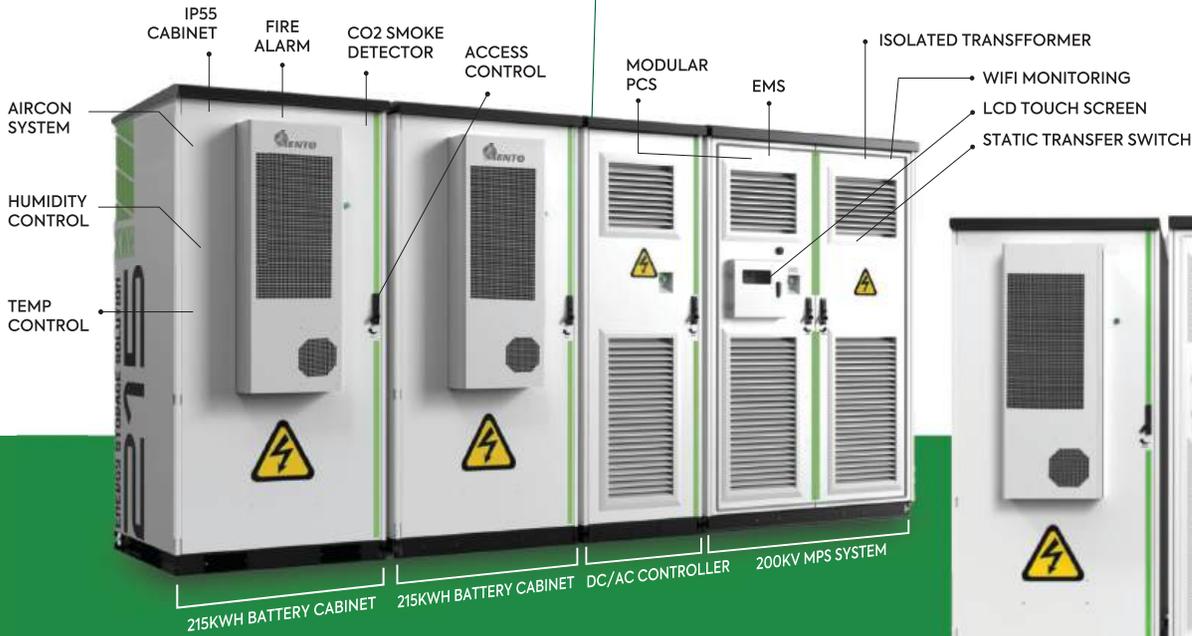
(INDOOR SERIES)

**SOLAR HYBRID ENERGY STORAGE SOLUTIONS FOR
RESIDENTIAL, COMMERCIAL & INDUSTRIAL PRODUCTS**

BESS SYSTEMS OUTDOOR CABINET

430kWh

ET-250K-MPS/280-430K



AIR COOLED SYSTEM

215kWh

ET-100K-MPS/280-215K

- / Support flexible expansion of PV capacity.
- / Support simultaneous access to load, battery, grid, DG, and PV.
- / Integrated EMS function, safe and stable.
- / Support battery capacity and discharge time prediction.
- / Built-in insulation transformer has strong load adaptability.

APPLICATION

- ▶▶ Off-grid area
- ▶▶ Without electricity (power shortage) area
- ▶▶ Remote rural area

PARALLEL CONNECTIVITY
UPTO 10 UNITS

Commercial Energy Storage System

ET-30I-MPS/100-60KI

60 kWh

10 Year Warranty

30 kVA

INDOOR SERIES

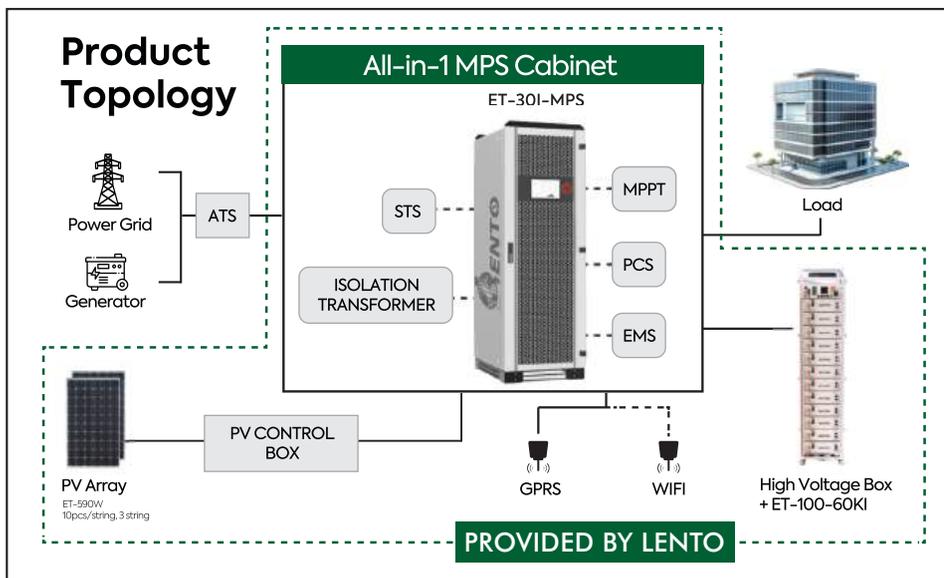


Features

- Lento offers a comprehensive system solution with a single point of service.
- Capable of supporting up to 30KW three-phase output.
- The system has undergone extensive testing and functions flawlessly.
- Optimal configuration with a high cost-performance ratio.

Standard Proposal

System Model	Equipment	Remark
ET-30I-MPS/ 100-60KI	PV	17.70kWp
	Multi Power System	30kW
	Battery	60kWh



Parallel Connectivity





COMMERCIAL ENERGY STORAGE SYSTEM STANDARD PROPOSAL

System Model	Equipment	Equipment Model	Unit	Quantity	Remark
ET-30I-MPS/ 100-60KI	PV modules	ET-590W	pcs	30	10pcs/string, 3 string
	Multi Power System	ET-30I-MPS	pcs	1	3P/400V
	Battery	ET-100-60KI	pcs	12	Power cable included
		High Voltage Box	pcs	1	
		Battery Rack	pcs	1	
	Connector	MC4	pair	12	
	PV cable	EK-48V-300	meter	300	
	Monitoring	WIFI module	pcs	1	Optional
MODEL			ET-30I-MPS/100-60KI		
System Parameter					
AC rated power			30kW		
Battery capacity			60kWh		
AC voltage			3P/400V or 3P/480V[USA ver.]		
Rated Grid frequency			50Hz/60Hz		
MPS Parameter					
Model			ET-30I-MPS		
Rated power			30kVA /30kW		
Frequency			50Hz/60 Hz		
Nominal Voltage			230VAC/400VAC [EU ver.] or 208VAC/480VAC [USA ver.]		
Max. Efficiency			98.50%		
No. of MPPT (50kW Modules)			1		
Max. PV Voltage (V)			1000VDC		
PV Array MPPT Voltage Range			250V - 850V		
Max . Solar Input Current			40A		
Max. Short Current(A)			60A		
Isolation Transformer			3P/480V		
STS			30kW, ≤20s		
Dimensions, D x W x H(mm)			800*800*1,900		
Weight (Kgs)			620 kg		
Battery Parameter					
Model			ET-100-60KI		
Battery Type			LiFePO ₄ (LFP)		
Nominal Voltage (V)			614.4V		
Nominal Capacity (WH)			61.44kWh		
Voltage Range (V)			537.6V - 700.8V		
Max. Charge/Discharge Current(A)			100A/100A		
Communication			CAN, RS485, ETH		
Weight (Kgs)			800kg		
Design Life			10 years		
Cycle Life			≥6,000 cycles @ 25°C, 0.5C, 90%DOD		
Environment					
Maximum operation altitude			≤3,000m		
Working Temperature			-10°C ~ 45°C		
Shelf Temperature			-20°C ~ 60°C		

Commercial Energy Storage System

100 kWh

ET-50I-MPS/280-100KI

100 kWh

10 Year Warranty

50 kVA

INDOOR SERIES

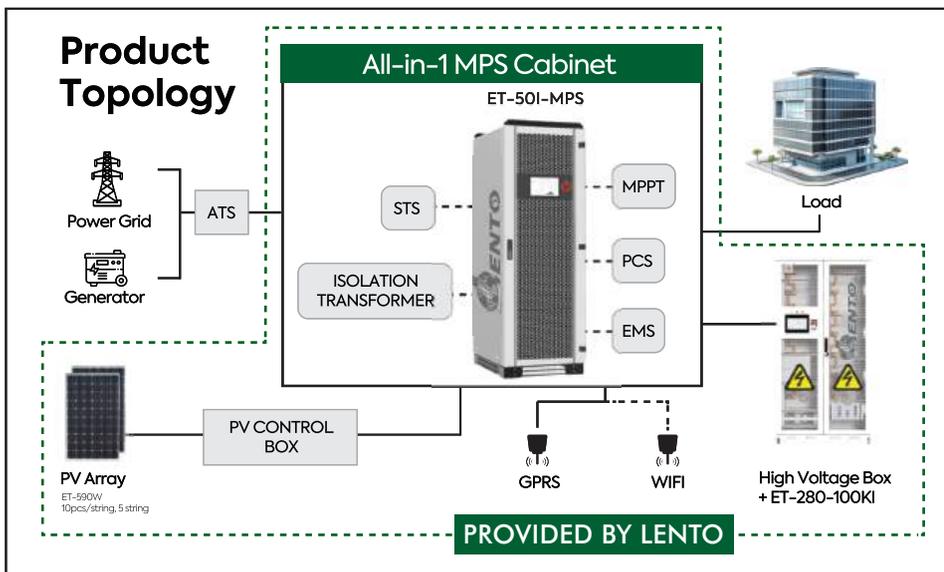


Features

- Lento offers a comprehensive system solution with a single point of service.
- Capable of supporting up to 50KW three-phase output.
- The system has undergone extensive testing and functions flawlessly.
- Optimal configuration with a high cost-performance ratio.

Standard Proposal

System Model	Equipment	Remark
ET-50I-MPS/ 100-100KI	PV	29.50kWp
	Multi Power System	50kW
	Battery	100kWh



Parallel Connectivity





COMMERCIAL ENERGY STORAGE SYSTEM STANDARD PROPOSAL

System Model	Equipment	Equipment Model	Unit	Quantity	Remark
ET-50I-MPS/ 280-100KI	PV modules	ET-590W	pcs	50	10pcs/string, 5 strings
	Multi Power System	EK-50I-MPS	pcs	1	3P/400V
	Battery	ET-100-100KI	pcs	20	Power cable included
		High Voltage Box	pcs	2	
		Battery Rack	pcs	2	
	Connector	MC4	pair	20	
	PV cable	EK-48V-500	meter	500	
	Monitoring	WIFI module	pcs	1	Optional
MODEL			ET-50I-MPS/100-100KI		
System Parameter					
AC rated power			50kW		
Battery capacity			100kWh		
AC voltage			3P/400V or 3P/480V [USA ver.]		
Rated Grid frequency			50Hz/60Hz		
MPS Parameter					
Model			EK-50I-MPS		
Rated power			50kVA /50kW		
Frequency			50Hz/60 Hz		
Nominal Voltage			230VAC/400VAC [EU ver.] or 208VAC/480VAC [USA ver.]		
Max. Efficiency			98.50%		
No. of MPPT (50kW Modules)			1		
Max. PV Voltage (V)			1000VDC		
PV Array MPPT Voltage Range			250V - 850V		
Max . Solar Input Current			40A		
Max. Short Current(A)			60A		
Isolation Transformer			3P/480V		
STS			50kW, ≤20s		
Dimensions, D x W x H(mm)			800*800*1,900		
Weight (Kgs)			720 kg		
Battery Parameter					
Model			ET-280-200KI		
Battery Type			LiFePO ₄ (LFP)		
Nominal Voltage (V)			512V		
Nominal Capacity (WH)			102kWh		
Voltage Range (V)			448V - 576V		
Max. Charge/Discharge Current(A)			140A/200A		
Communication			CAN, RS485, ETH		
Weight (Kgs)			1400kg		
Design Life			10 years		
Cycle Life			≥6,000 cycles @ 25°C, 0.5C, 95%DOD		
Environment					
Maximum operation altitude			≤3,000m		
Working Temperature			-20°C ~ 50°C		
Shelf Temperature			none		

Commercial Energy Storage System

ET - 100I-MPS/280-215KI

215 kWh

215 kWh

10 Year Warranty

100 kVA

INDOOR SERIES

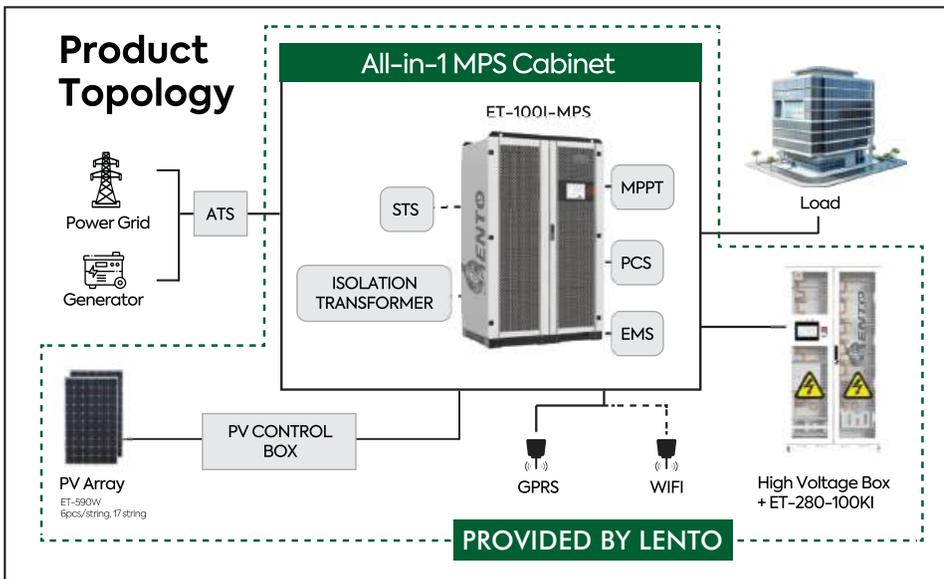


Features

- Lento offers a comprehensive system solution with a single point of service.
- Capable of supporting up to 100KW three-phase output.
- The system has undergone extensive testing and functions flawlessly.
- Optimal configuration with a high cost-performance ratio.

Standard Proposal

System Model	Equipment	Remark
ET-100I-MPS/ 280-215KI	PV	60.18kWp
	Multi Power System	100kW
	Battery	215kWh



Parallel Connectivity





COMMERCIAL ENERGY STORAGE SYSTEM STANDARD PROPOSAL

System Model	Equipment	Equipment Model	Unit	Quantity	Remark
ET-100I-MPS/ 280-215KI	PV modules	ET-590W	pcs	102	6pcs/string, 17 strings
	Multi Power System	EK-100I-MPS	pcs	1	3P/400V
	Battery	ET-280-215KI	pcs	15	Power cable included
		High Voltage Box	pcs	1	
		Battery Rack	pcs	1	
	Connector	MC4	pair	40	
	PV cable	EK-48V-1000	meter	1000	
	Monitoring	WIFI module	pcs	1	Optional
MODEL			ET-100I-MPS/280-215KI		
System Parameter					
AC rated power			100kW		
Battery capacity			215kWh		
AC voltage			3P/400V or 3P/480V [USA ver.]		
Rated Grid frequency			50Hz/60Hz		
MPS Parameter					
Model			EK-100I-MPS		
Rated power			100kVA/100kW		
Frequency			50Hz/60 Hz		
Nominal Voltage			230VAC/400VAC [EU ver.] or 208VAC/480VAC [USA ver.]		
Max. Efficiency			98.50%		
No. of MPPT (50kW Modules)			2		
Max. PV Voltage (V)			1000VDC		
PV Array MPPT Voltage Range			250V - 850V		
Max. Solar Input Current			40A		
Max. Short Current(A)			60A		
Isolation Transformer			3P/480V		
STS			100kW, ≤20s		
Dimensions, D x W x H(mm)			800*800*1,900		
Weight (Kgs)			1,120kg		
Battery Parameter					
Model			ET-280-215KI		
Battery Type			LiFeR(LFP)		
Nominal Voltage (V)			768V		
Nominal Capacity (WH)			215kWh		
Voltage Range (V)			672V - 864V		
Max. Charge/Discharge Current(A)			140A/200A		
Communication			CAN, RS485, ETH		
Weight (Kgs)			2000kg		
Design Life			10 years		
Cycle Life			≥6,000 cycles @ 25°C, 0.5C, 95%DOD		
Environment					
Maximum operation altitude			≤3,000m		
Working Temperature			-20°~ 60°C		
Shelf Temperature			none		



Reach Us Here

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