

Energy Storage System (Lenercom ESS)

Model	LC-E2-204
Inverter parameter	
PV maximum input power	2000W
PV maximum input current	80A
PV maximum input voltage	145V
Number of MPPT	1
MPPT voltage range	30-130Vdc
Rated /Instantaneous power	2000W/4000W
Rated output current	8.7A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	180~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	1920W
Rated output current	8.42A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	24V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×1
Floating charge voltage	27V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	60/8.7A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	15%~85%(No condensation)
Size(W/D/H)	600mm/420mm/930mm
Weight	95kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC



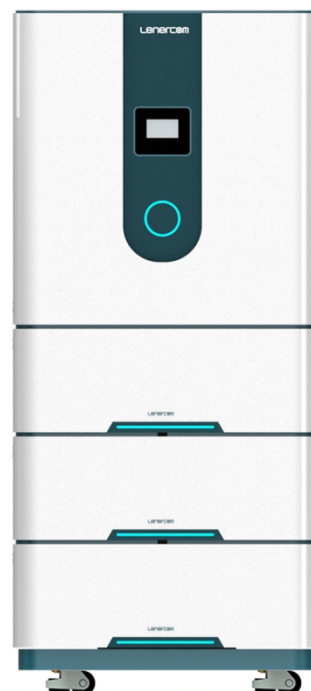
Energy Storage System (Lenercom ESS)

Model	LC-E2-408
Inverter parameter	
PV maximum input power	4000W
PV maximum input current	80A
PV maximum input voltage	145V
Number of MPPT	1
MPPT voltage range	64-130Vdc
Rated /Instantaneous power	4000W/8000W
Rated output current	17.4A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	180~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	4000W
Rated output current	17.4A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	48V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×2
Floating charge voltage	54V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	95/62.5A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	15%~85%(No condensation)
Size(W/D/H)	600mm/420mm/1125mm
Weight	176kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC



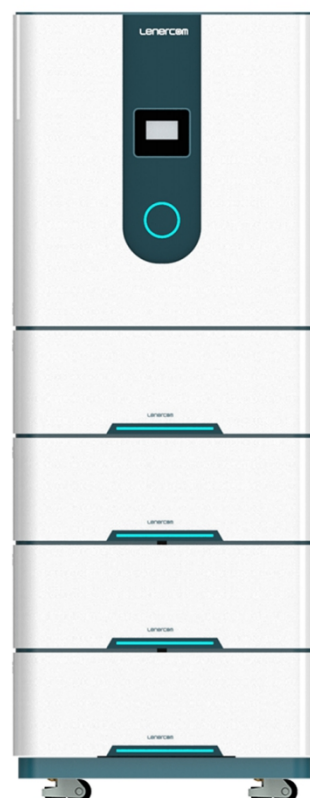
Energy Storage System (Lenercom ESS)

Model	LC-E2-513
Inverter parameter	
PV maximum input power	4000W
PV maximum input current	80A
PV maximum input voltage	145V
Number of MPPT	1
MPPT voltage range	64-130Vdc
Rated /Instantaneous power	5500W/10000W
Rated output current	21.7A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	180~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	5000W
Rated output current	21.7A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	48V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×3
Floating charge voltage	54V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	95/110A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	15%~85%(No condensation)
Size(W/D/H)	600mm/420mm/1330mm
Weight	216kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC



Energy Storage System (Lenercom ESS)

Model	LC-E2-518
Inverter parameter	
PV maximum input power	4000W
PV maximum input current	80A
PV maximum input voltage	145V
Number of MPPT	1
MPPT voltage range	64-130Vdc
Rated /Instantaneous power	5500W/10000W
Rated output current	21.7A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	180~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	5000W
Rated output current	21.7A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	48V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×4
Floating charge voltage	54V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	95/110A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	15%~85%(No condensation)
Size(W/D/H)	600mm/420mm/1530mm
Weight	261kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC



Energy Storage System (Lenercom ESS)

Model	LC-E2-522
Inverter parameter	
PV maximum input power	4000W
PV maximum input current	80A
PV maximum input voltage	145V
Number of MPPT	1
MPPT voltage range	64-130Vdc
Rated /Instantaneous power	5500W/10000W
Rated output current	21.7A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	180~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	5000W
Rated output current	21.7A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	48V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×5
Floating charge voltage	54V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	95/110A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	15%~85%(No condensation)
Size(W/D/H)	600mm/420mm/1730mm
Weight	306kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC



Energy Storage System (Lenercom ESS)

Model	LC-E2-1022
Inverter parameter	
PV maximum input power	13000W
PV maximum input current	48A
PV maximum input voltage	550V
Number of MPPT	4
MPPT voltage range	125-500Vdc
Rated /Instantaneous power	10000W/20000W
Rated output current	43.5A
Type of grid connection	L+N+PE
Rated output voltage	230V
Grid voltage range	176~270V
Frequency of output	50Hz/60Hz self-adaption
EPS Output	
Rated output power	10000W
Rated output current	43.5A
Rated output voltage	230V
Rated output frequency	50Hz/60Hz
THDU	<2%
Batterys&BMS parameters	
Battery pack voltage	256V
Battery Type	LiFePO4
Battery Capacity	4.4KWh×5
Floating charge voltage	292V
Designed lifespan	>10 years (25°C)
IMax charge/discharge	40/80A
Routine data	
Protection level	IP65
Display	LCD
Operating temperature	-20°C~60°C
Humidity	0%~95%(No condensation)
Size(W/D/H)	600mm/420mm/1830mm
Weight	320kg
Safety regulations	IEC 62109-1&-2,IEC 62477,CE-EMC

