



Product Service

Compliance Document

No. D 117464 0004 Rev. 00

Holder of Certificate: **Hunan Lenercom Technology Co.,Ltd.**
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PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223082201

Date, 2022-09-13

(Billy Qiu)

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Model(s): LC-E2-615T, LC-E2-620T, LC-E2-625T, LC-E2-630T, LC-E2-815T, LC-E2-820T, LC-E2-825T, LC-E2-830T, LC-E2-835T, LC-E2-1020T, LC-E2-1025T, LC-E2-1030T, LC-E2-1035T, LC-E2-1225T, LC-E2-1230T, LC-E2-1235T, LC-E2-1535T, LC-E2-1540T, LC-E2-1545T

Parameters:

Model	LC-E2-615T	LC-E2-620T	LC-E2-625T	LC-E2-630T
Battery terminal parameters				
Rated battery DC voltage	153.6 Vd.c.	204.8 Vd.c.	256.0 Vd.c.	307.2 Vd.c.
Battery DC voltage range	125-175 Vd.c.	166-233 Vd.c.	208-292 Vd.c.	249-350 Vd.c.
Max charging / discharging current	50 Ad.c.			
Battery type	Lithium-ion			
Maximum charge/discharge power	6000 W			
PV terminal parameters				
Max. Input Power	9000 W			
Maximum DC input voltage	1000 Vd.c.			
MPPT Range	180~850 Vd.c.			
MPPT Range (full load)	250~850 Vd.c.			
Max. Input Current	2*13 Ad.c.			
Isc PV	2*16 Ad.c.			
Grid terminal parameters				
Rated output Power	6000 W			
Maximum continuous output apparent power	6600 VA			
Max. AC output current	9.5 Aa.c.			
Maximum continuous input apparent power	13200 VA			
Max. AC input current	19 Aa.c.			
Rated AC voltage	230/400 Va.c., 3W+N+PE			
Rated AC frequency	50 Hz			
Power factor	0.9lagging to 0.9leading			
Backup terminal parameters				
Rated apparent power	6000 VA			
Maximum continuous output apparent power	6600 VA			
Max. AC current	9.5 Aa.c.			
Rated AC voltage	230/400 Va.c., 3W+N+PE			
Rated AC frequency	50Hz			

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Model	LC-E2-815T	LC-E2-820T	LC-E2-825T	LC-E2-830T	LC-E2-835T
Battery terminal parameters					
Rated battery DC voltage	153.6 Vd.c.	204.8 Vd.c.	256.0 Vd.c.	307.2 Vd.c.	358.4 Vd.c.
Battery DC voltage range	125-175 Vd.c.	166-233 Vd.c.	208-292 Vd.c.	249-350 Vd.c.	291-409 Vd.c.
Max charging / discharging current	50 Ad.c.				
Battery type	Lithium-ion				
Maximum charge/discharge power	7680 W	8000 W			
PV terminal parameters					
Max. Input Power	12000 W				
Maximum DC input voltage	1000 Vd.c.				
MPPT Range	180~850 Vd.c.				
MPPT Range (full load)	330~850Vd.c.				
Max. Input Current	2*13 Ad.c.				
Isc PV	2*16 Ad.c.				
Grid terminal parameters					
Rated output Power	8000 W				
Maximum continuous output apparent power	8800 VA				
Max. AC output current	12.7 Aa.c.				
Maximum continuous input apparent power	17600 VA				
Max. AC input current	25.5 Aa.c.				
Rated AC voltage	230/400 Va.c., 3W+N+PE				
Rated AC frequency	50 Hz				
Power factor	0.9lagging to 0.9leading				
Backup terminal parameters					
Rated apparent power	8000 VA				
Maximum continuous output apparent power	8800 VA				
Max. AC current	12.7 Aa.c.				
Rated AC voltage	230/400 Va.c., 3W+N+PE				
Rated AC frequency	50Hz				

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Model	LC-E2-1020T	LC-E2-1025T	LC-E2-1030T	LC-E2-1035T
Battery terminal parameters				
Rated battery DC voltage	204.8 Vd.c.	256.0 Vd.c.	307.2 Vd.c.	358.4 Vd.c.
Battery DC voltage range	166-233 Vd.c.	208-292 Vd.c.	249-350 Vd.c.	291-409 Vd.c.
Max charging / discharging current	50 Ad.c.			
Battery type	Lithium-ion			
Maximum charge/discharge power	10000 W			
PV terminal parameters				
Max. Input Power	15000 W			
Maximum DC input voltage	1000 Vd.c.			
MPPT Range	180~850 Vd.c.			
MPPT Range (full load)	430~850Vd.c.			
Max. Input Current	2*13 Ad.c.			
Isc PV	2*16 Ad.c.			
Grid terminal parameters				
Rated output Power	10000 W			
Maximum continuous output apparent power	11000 VA			
Max. AC output current	15.9 Aa.c.			
Maximum continuous input apparent power	22000 VA			
Max. AC input current	31.9 Aa.c.			
Rated AC voltage	230/400 Va.c., 3W+N+PE			
Rated AC frequency	50 Hz			
Power factor	0.9lagging to 0.9leading			
Backup terminal parameters				
Rated apparent power	10000 VA			
Maximum continuous output apparent power	11000 VA			
Max. AC current	15.9 Aa.c.			
Rated AC voltage	230/400 Va.c., 3W+N+PE			
Rated AC frequency	50Hz			

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Model	LC-E2-1225T	LC-E2-1230T	LC-E2-1235T
Battery terminal parameters			
Rated battery DC voltage	256.0 Vd.c.	307.2 Vd.c.	358.4 Vd.c.
Battery DC voltage range	208-292 Vd.c.	249-350 Vd.c.	291-409 Vd.c.
Max charging / discharging current	50 Ad.c.		
Battery type	Lithium-ion		
Maximum charge/discharge power	12000 W		
PV terminal parameters			
Max. Input Power	18000 W		
Maximum DC input voltage	1000 Vd.c.		
MPPT Range	180~850 Vd.c.		
MPPT Range (full load)	510~850Vd.c.		
Max. Input Current	2*13 Ad.c.		
Isc PV	2*16 Ad.c.		
Grid terminal parameters			
Rated output Power	12000 W		
Maximum continuous output apparent power	13200 VA		
Max. AC output current	19.1 Aa.c.		
Maximum continuous input apparent power	26400 VA		
Max. AC input current	38.2 Aa.c.		
Rated AC voltage	230/400 Va.c., 3W+N+PE		
Rated AC frequency	50 Hz		
Power factor	0.9lagging to 0.9leading		
Backup terminal parameters			
Rated apparent power	12000 VA		
Maximum continuous output apparent power	13200 VA		
Max. AC current	19.1 Aa.c.		
Rated AC voltage	230/400 Va.c., 3W+N+PE		
Rated AC frequency	50Hz		

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Model	LC-E2-1535T	LC-E2-1540T	LC-E2-1545T
Battery terminal parameters			
Rated battery DC voltage	358.4 Vd.c.	409.6 Vd.c.	460.8 Vd.c.
Battery DC voltage range	291-409 Vd.c.	333-476 Vd.c.	347-525 Vd.c.
Max charging / discharging current	50 Ad.c.		
Battery type	Lithium-ion		
Maximum charge/discharge power	15000 W		
PV terminal parameters			
Max. Input Power	22500 W		
Maximum DC input voltage	1000 Vd.c.		
MPPT Range	180~850 Vd.c.		
MPPT Range (full load)	620~850Vd.c.		
Max. Input Current	2*13 Ad.c.		
Isc PV	2*25 Ad.c.		
Grid terminal parameters			
Rated output Power	15000 W		
Maximum continuous output apparent power	16500 VA		
Max. AC output current	23.8 Aa.c.		
Maximum continuous input apparent power	33000 VA		
Max. AC input current	47.6 Aa.c.		
Rated AC voltage	230/400 Va.c., 3W+N+PE		
Rated AC frequency	50 Hz		
Power factor	0.9lagging to 0.9leading		
Backup terminal parameters			
Rated apparent power	15000 VA		
Maximum continuous output apparent power	16500 VA		
Max. AC current	23.8 Aa.c.		
Rated AC voltage	230/400 Va.c., 3W+N+PE		
Rated AC frequency	50Hz		

**Tested
according to:**

IEC 61727:2004
IEC 62116:2014