



新普科技股份有限公司  
新世電子(常熟)有限公司  
新普科技(重慶)有限公司  
華普電子(常熟)有限公司  
Simplo Technology Co., Ltd.  
Simplo Technology(Changshu)Inc.  
Simplo Technology(Chongqing)Inc.  
Huapu Technology(Changshu)Inc.

Issued/Revised date :January 01 2021

Document No. : SDS\_Simplo-2101

## Explanatory sheet about safety of product for transportation (Safety Data Sheet for transportation)

### 1. Basic item

Product name : Lithium-Ion Rechargeable Battery Pack  
UN number: 3480  
Product code: Refer to Table 1.  
model name : Refer to Table 1.  
Manufacturer Name: Simplo Technology Co., Ltd.  
Address: No. 471, Sec. 2, Bade Rd., Hu Kou Township, Hsinchu County, 30348, Taiwan (R.O.C)  
Phone number: +886-3-5695920  
Fax number: +886-3-5695931

### 2. Product information

Basic composition of the product This product is a battery which consists of such main component as core battery pack assembled with some Lithium ion cells. And it consists of any combination of plastic casing, tube casing, protection circuit boards, safety devices and interface terminals

### 3. Safety Information

SMP certifies the battery has passed and satisfied the UN Manual of Tests and Criteria Part III, sub-section 38.3 testing in SMP shipping. - SMP manufactured the battery under the quality management program required in UN Model regulations 2.9.4(e).

#### **3-1: Battery pack**

1. The Watt-hour rating of the battery is not more than 100Wh.  
The Watt-hour rating of the component Lithium ion cells is not more than 20Wh.  
Refer to Appendix “SDS\_Simplo-2101”.
2. Packages of the battery satisfy the following conditions when SMP ships.
  - (1) The package has passed the drop test from the height of 1.2m.
  - (2) The package net weight is not more than 10kg.
  - (3) The package is marked and labeled according to requirement of Packing Instruction 965 Section IB stated in ICAO’s and IATA’s dangerous goods regulations.
3. The battery is not defective for safety reasons, not damaged. It is not collected battery for recycling or disposal.
4. The battery is not subject to the fully regulated requirements for Dangerous Goods in ocean and ground transportation.
5. The battery should be transported by Cargo aircraft as UN3480, Class 9 Dangerous Goods, and state of charge not exceeding 30%, according to Packing Instruction 965 Section IB stated in ICAO’s and IATA’s dangerous goods regulations.



新普科技股份有限公司  
 新世電子(常熟)有限公司  
 新普科技(重慶)有限公司  
 華普電子(常熟)有限公司  
 Simplo Technology Co., Ltd.  
 Simplo Technology(Changshu)Inc.  
 Simplo Technology(Chongqing)Inc.  
 Huapu Technology(Changshu)Inc.

Table. 1 Model list of application

Battery Part Numbers			Battery Information						
Lenovo ASM Lenovo PN Part Number	Lenovo FRU Part Number	Lenovo ModelName	MSDS Type #	UN DOT 38.3 Test Certificate	Cell Voltage (V)	Battery Voltage (V)	Watt hour Rating (Wh)	Weight (grams)	Equivalent Lithium Content (grams)
SB10F46439	00HW001		SDS_Simplo-2101	SB10F46439_UN38.3	3.7	14.8	56	281	4.54
45N1728	45N1729		SDS_Simplo-2101	45N1728_UN38.3	3.75	3.75	33	158	2.64
45N1706	45N1707		SDS_Simplo-2101	45N1706_UN38.3	3.7	14.8	47	248	3.82
45N1702	45N1703		SDS_Simplo-2101	45N1702_UN38.3	3.7	14.8	45	259	3.65
45N1138	45N1139		SDS_Simplo-2101	45N1138_UN38.3	3.7	14.8	46	248	3.73
45N1102	45N1103		SDS_Simplo-2101	45N1102_UN38.3	3.7	11.1	42	205	3.41
45N1100	45N1101		SDS_Simplo-2101	45N1100_UN38.3	3.7	14.8	28	176	2.27
45N1086	45N1087		SDS_Simplo-2101	45N1086_UN38.3	3.7	14.8	48	250	3.96
45N1070	45N1071		SDS_Simplo-2101	45N1070_UN38.3	3.7	14.8	46	270	3.73
SB10K97635	01AV496	L17M6P51	SDS_Simplo-2101	SB10K97635_UN38.3	3.75	11.25	90	460	7.2
SB10Q76928	01AY968	L17M4P72	SDS_Simplo-2101	SB10Q76928_UN38.3	3.84	15.36	80	310	6.09
SB10K97636	01AV497	L17M6P52	SDS_Simplo-2101	SB10K97636_UN38.3	3.75	11.25	99	474.6	7.7
SB10J78998	01AV401	N/A	SDS_Simplo-2101	SB10J78998_UN38.3	3.75	11.25	42	180	3.36
SB10K97640	02DL001	L18M3P52	SDS_Simplo-2101	SB10K97640_UN38.3	3.75	11.25	42	180	3.36
SB10K97639	02DL000	L18M3P51	SDS_Simplo-2101	SB10K97639_UN38.3	3.75	11.25	42	180	3.36
SB10K97650	02DL012	L18M3P71	SDS_Simplo-2101	SB10K97650_UN38.3	3.84	11.52	57.08	220	4.4595
SB10K97652	02DL014	L18M3PD1	SDS_Simplo-2101	SB10K97652_UN38.3	3.84	11.52	57	220	4.455
SB10K97655	02DL017	L18M6PD1	SDS_Simplo-2101	SB10K97655_UN38.3	3.82	11.46	48	225	7.542
SB10K97664	02DL028	L18M6P90	SDS_Simplo-2101	SB10K97664_UN38.3	3.75	11.25	90	385	7.2
SB10K97662	02DL026	L18M6PD3	SDS_Simplo-2101	SB10K97662_UN38.3	3.82	11.46	48	220	3.771
SB10K97643	02DL005	L18M4P72	SDS_Simplo-2101	SB10K97643_UN38.3	3.84	15.36	50	204	3.984
SB10T83129	5B10W13886	L17M3P56	SDS_Simplo-2101	SB10T83129_UN38.3	3.75	11.25	42	200.9	3.36
SB10T83133	5B10W13890	L17M3P51	SDS_Simplo-2101	SB10T83133_UN38.3	3.7	11.1	45	223	3.65
SB10T83135	5B10W13892	L17M3P55	SDS_Simplo-2101	SB10T83135_UN38.3	3.7	11.1	45	232	3.67
SB10T83138	5B10W13895	L17M3P53	SDS_Simplo-2101	SB10T83138_UN38.3	3.7	11.1	45	223	3.70
SB10T83144	5B10W13901	L18M6P90	SDS_Simplo-2101	SB10T83144_UN38.3	3.75	11.25	90	385	7.2
SB10T83146	5B10W13903	L17M6P52	SDS_Simplo-2101	SB10T83146_UN38.3	3.75	11.25	99	474.6	7.70
SB10T83153	5B10W13910	L18M3PD1	SDS_Simplo-2101	SB10T83153_UN38.3	3.84	11.52	57	220	4.455
SB10T83157	5B10W13914	L18M3P71	SDS_Simplo-2101	SB10T83157_UN38.3	3.84	11.52	57.08	220	4.4595
SB10T83158	5B10W13915	L17M2P51	SDS_Simplo-2101	SB10T83158_UN38.3	3.84	7.68	39	163	3.05
SB10T83164	5B10W13921	L17M6P71	SDS_Simplo-2101	SB10T83164_UN38.3	3.82	11.46	48	260	3.77
SB10T83166	5B10W13923	L18M6PD1	SDS_Simplo-2101	SB10T83166_UN38.3	3.82	11.46	48	225	7.542
SB10T83174	5B10W13931	L18M4P72	SDS_Simplo-2101	SB10T83174_UN38.3	3.84	15.36	50	204	3.984
SB10T83184	5B10W13941	L18M3PG2	SDS_Simplo-2101	SB10T83184_UN38.3	3.84	11.52	57	230	4.455
SB10T83187	5B10W13944	L18M3PG2	SDS_Simplo-2101	SB10T83187_UN38.3	3.84	11.52	57	230	4.455
SB10T83188	5B10W13945	L17M3PB0	SDS_Simplo-2101	SB10T83188_UN38.3	3.75	11.25	42	180	3.3615



新普科技股份有限公司  
 新世電子(常熟)有限公司  
 新普科技(重慶)有限公司  
 華普電子(常熟)有限公司  
 Simplo Technology Co., Ltd.  
 Simplo Technology(Changshu)Inc.  
 Simplo Technology(Chongqing)Inc.  
 Huapu Technology(Changshu)Inc.

Table. 1 Model list of application

Battery Part Numbers			Battery Information						
Lenovo ASM Lenovo PN Part Number	Lenovo FRU Part Number	Lenovo ModelName	MSDS Type #	UN DOT 38.3 Test Certificate	Cell Voltage (V)	Battery Voltage (V)	Watt hour Rating (Wh)	Weight (grams)	Equivalent Lithium Content (grams)
SB10T83195	5B10W13952	L17M6P51	SDS_Simplo-2101	SB10T83195_UN38.3	3.75	11.25	90	460	7.20
SB10X63140	5B10X63141	L19M4PG2	SDS_Simplo-2101	SB10X63140_UN38.3	3.84	7.68	51	205	3.98
SB10T83205	5B10W13962	L19M3P72	SDS_Simplo-2101	SB10T83205_UN38.3	3.86	11.58	48	189	3.753
SB10Z26484	5B10Z26480	L19M4PG3	SDS_Simplo-2101	SB10Z26484_UN38.3	3.86	7.72	42	160	6.564
SB10Z27863	5B10Z27861	L19M4PG4	SDS_Simplo-2101	SB10Z27863_UN38.3	3.86	7.72	42	160	6.564
SB10T83216	5B10W13973	L20M4P71	SDS_Simplo-2101	SB10T83216_UN38.3	3.86	15.44	57	216	4.332
SB11A13105	5B11A13107	L20M3P71	SDS_Simplo-2101	SB11A13105_UN38.3	3.86	11.58	52.9	196	4.028
SB10W51919	5B10W51818	L20M4P73	SDS_Simplo-2101	SB10W51919_UN38.3	3.84	15.36	54.7	220	4.182
SB10W51922	5B10W51821	L20M4P74	SDS_Simplo-2101	SB10W51922_UN38.3	3.84	15.36	54.7	220	4.182
SB11B79215	5B11B79217	L20M4P75	SDS_Simplo-2101	SB11B79215_UN38.3	3.88	15.52	90.08	340	6.966
SB10W51931	5B10W51832	L18M3P71	SDS_Simplo-2101	SB10W51931_UN38.3	3.84	11.52	57.08	220	4.460
SB10W51936	5B10W51837	L18M3PD1	SDS_Simplo-2101	SB10W51936_UN38.3	3.84	11.52	57	220	4.455
SB10W51940	5B10W51841	L18M6PD1	SDS_Simplo-2101	SB10W51940_UN38.3	3.82	11.46	48	225	7.542
SB10W51933	5B10W51834	L18M4P72	SDS_Simplo-2101	SB10W51933_UN38.3	3.84	15.36	50	204	3.984