打印或喷码内容 / Printing or spraying content:
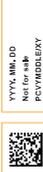
YYYY.MM.DD
Not for sale
PCVYMDDLE/XY

1、二维码编码规则 / Two-dimension code rules:
类型: Data matrix, Error code:ECC200, 尺寸(6x6 ±0.5)mm, 需区分大小写。
Type: Data matrix, Error code: ECC200, Size(6x6 ±0.5)mm, case sensitive.

No.	Explanation	Spec	
1	Customer model	GH43-05202A	(固定不变 / Fixed)
2	Sign	+	(固定不变 / Fixed)
3	Vendor code	DL	(NVT code: DL; Navitasys code: VL)
4	Pack version	A	(量产前/Before MP: A；量产后/After MP: 1)
5	Year code		代码/YY 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 / 代码/code N R T W X Y L P Q S Z
6	Month code	1→1, 2→2…. 10→A, 11→B, 12→C	
7	Day code	1→01, 2→02…. 30→30, 31→31	
8	Production Line	Line A01→A,Line A02→B…..Line A13→N,Line A14→P	
9	Delivery code	D	(量产前/Before MP: D；量产后/After MP: S)
10	Sign	+	(固定不变 / Fixed)
11	Serial number	00000-99999	
12	Cell Origin	N	(固定不变 / Fixed)

线体编码避开"I,O,Z"。/ Line code avoids "I,O,Z"
举例 / For example:

量产前 / Before MP: GH43-05202A+DL ARC04AD+00000N
量产后 / After MP: GH43-05202A+DL1RC04AS+00000N

2、生产日期 / Date of manufacture: YYYY.MM.DD

	Code	Explanation	Spec
1	YYYY	Year code	2020→2020, 2021→2021, 2022→2022, 2023→2023
2	MM	Month code	1→01, 2→02…, 10→10, 11→11, 12→12
3	DD	Day code	1→01, 2→02…, 30→30, 31→31

生产日期指NVT的Pack日期，不是Label的生产日期。
Production date refers to NVT's pack date,Not the production date of label.
举例 / For example: 2021,12,04

3、"Not for sale"打印规则/ "Not for sale" printing rules:
量产前，手机、平板电池打印"Not for sale"，Mini pack打印首字母"NFS"。
承认审核和量产后，不印刷"Not for sale" 或 "NFS"
Before MP, phone and tablet batteries print "Not for sale", and print the initial
"NFS" on Mini pack model.
Approval audit and after MP, don't print "Not for sale" or "NFS".

4、SN码定义 / SN code definition: PCVYMDDLE/XY

No.	Code	Explanation	Spec
1	P	Pack vendor	D	(NVT code: D; Navitasys code: V)
2	C	Cell vendor	L	(ATL code: L 固定不变 / Fixed)
3	V	Pack version	A	(量产前/Before MP: A；量产后/After MP: 1)
4	Y	Year code	代码/YY 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 / 代码/code N R T W X Y L P Q S Z
5	M	Month code	1→1, 2→2…. 10→A, 11→B, 12→C
6	DD	Day code	1→01, 2→02…. 30→30, 31→31
7	L	Production Line	Line A01→A, Line A02→B,... Line A13→N
8	E	Delivery code	D	(量产前/Before MP: D；量产后/After MP: S)
9	/	/	/	(固定不变 / Fixed)
10	X	CF value(kΩ)	-	5.1 24 3.3 1.5 27 47 51 100 180 None / 1 2 3 4 5 6 7 8 9 -
11	BAT_ID	2	(固定不变 / Fixed)

线体编码避开"I, O, Z"。/ Line code avoids "I,O,Z"
举例 / For example:

量产前 / Before MP:
2021,12,04
Not for sale
DLARC04AD/-2

承认审核 / Approval Audit:
2021,12,04
DLARC04AD/-2

量产后 / After MP:
2021,12,04
DL1RC04AS/-2

电池喷码区域 / Pack inkjet area
移印区域 / Pad printing area
30%SOC与62%SOC可共用钢板 / 30%SOC and 62%SOC can share steel plate
方框不印刷 / Boxs are not printed.

Black C
非印刷内容
Non-print content

SEC PACK 移印/喷码位置参考
(SEC PAD-PRINT-POSITION)

YYYY.MM.DD
Not for sale
PCVYMDDLE/XY

SAMSUNG ASSEMBLED IN CHINA
Li-ion 00

Front view / 正视图
Pack printing overall effect
(without protection tape)
电池印刷整体效果 (不带保护遮片)
备注：易撕贴和My1ar形状以实物为准
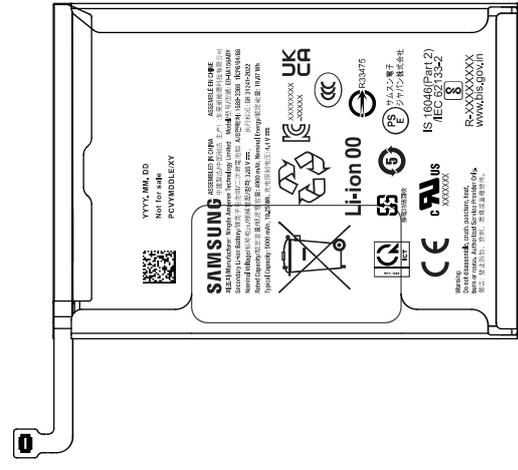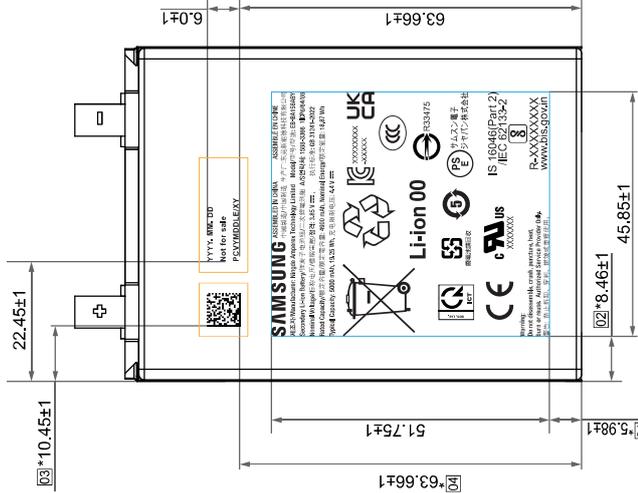
Cell inkjet and printing overall effect
电芯印刷整体效果
电芯码顶面朝下

YYYY.MM.DD
Not for sale
PCVYMDDLE/XY

SAMSUNG ASSEMBLED IN CHINA
Li-ion 00

22.45±1
6.0±1
63.66±1
45.85±1
51.75±1
*5.98±1
*63.66±1
03 *10.45±1
02 *8.46±1
01
04

技术要求：
Technical requirements:
1. 油墨颜色要求：黑色；
   Ink color requirement: Black;
2. 环保要求：RoHS+HF+REACH,不含任何OQA-2049指定的有害物质,
   Environment requirements: RoHS+HF+REACH,
   Do not contain any substances which are specified in (OQA-2049) ;
3. 印刷内容不可有错误，字体需清晰；
   Printing content without error or mistake, font should be clear;
4. 带"*"尺寸为重点管控尺寸；
   The dimensions marked with "*" are key dimensions;
5. 未注尺寸公差均±0.20mm；带（）尺寸为参考尺寸；
   The tolerance without any marks is ±0.20mm;
   The dimensions marked with ( ) are reference dimensions;
6. 二维码扫描等级在C级及以上；
   The scan level of Data matrix is C or above;
7. 印刷内容、字体、位置尺寸及比例以实物文件为准。
   Printing content, font, position, size proportion should refer to
   the drawing.

可靠性测试 / Reliability test	
测试项目 / Test Item	橡皮擦块 / Rubber eraser
测试方法 / Test Method	力度 / Force: 500g(4.9N); 速度 / : 42 times/min; — 移印 / PAD printing: 10 times; — S/N码 / S/N code: 5 times; — 二维码 / Barcode: 10 times.
适用标准 / Standard	接受印刷扩散,可以实现 Accept printing spread, however should realize it.