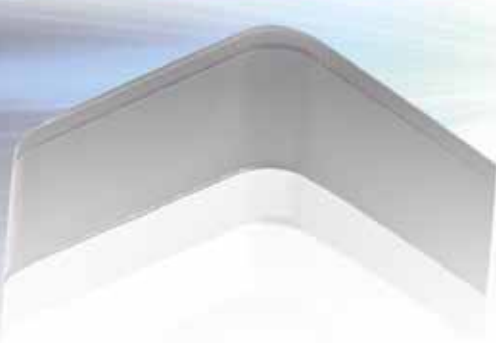




Our *passion* is enclosures.



# handCASE

Mobile handheld enclosures made of aluminium

# Technical data

## handCASE



handCASE



handCASE R



Holding clip and  
wall bracket



Shoulder strap with protective  
caps for mobile applications



Battery compartment...



...for internal power supply

**Enclosure:** Die-cast aluminium EN AN-44300 DIN EN 1706 (GD AL SI 12 / DIN 1725). 1° mould slope for casting ejection, internal measures diminishing circulatory towards enclosure bottom by 1°.

**Integrated recess:** In the lid for membrane keypad or front plates

**Components:** Fastening thread M3 in the lid and bottom

**Ingress Protection:** IP66 / EN 60529 - free-fall / DIN EN 60068-2-32

**Gasket:** TPE moulded gasket, silicone-free (-40°C to +120°C)

**Captive screws:** Stainless steel 1.4567 (V2A), captive

**Battery compartment:** ABS, RAL 9005, deep black (-10°C to +50°C)

**handCASE surface:** Lid: Power coating, silver metallic, bottom: RAL 9005, deep black

**handCASE R surface:** Powder coating RAL 7035, light grey

### Optionally available:

**Gasket:** EMC gasket (-55°C to +160°C)  
Silicone gasket (-50°C to +140°C)

**Ingress Protection:** IP67 / EN 60529

**Surface:** Corrosion protection, special colours

**Further options, see delivery overview.**

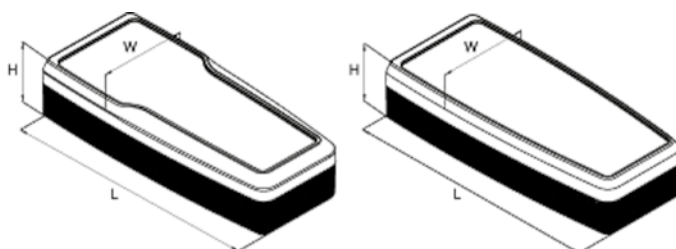
| Delivery overview handCASE |             |     |     |      |     |
|----------------------------|-------------|-----|-----|------|-----|
| Type                       | Mat. no.    | L   | W   | H    | g   |
| HCF 080                    | 270.080.000 | 180 | 80  | 42,5 | 450 |
| HCF 081                    | 270.081.000 | 180 | 80  | 42,5 | 430 |
| HCF 100                    | 270.100.000 | 220 | 100 | 42,5 | 600 |
| HC 100                     | 271.100.000 | 220 | 100 | 62,5 | 660 |

HCF 081/HC 100 without battery compartment

| Delivery overview handCASE R |             |     |     |      |     |
|------------------------------|-------------|-----|-----|------|-----|
| Type                         | Mat. no.    | L   | W   | H    | g   |
| HCF 080 R                    | 272.080.000 | 180 | 80  | 42,5 | 450 |
| HCF 081 R                    | 272.081.000 | 180 | 80  | 42,5 | 430 |
| HCF 100 R                    | 272.100.000 | 220 | 100 | 42,5 | 600 |
| HC 100 R                     | 273.100.000 | 220 | 100 | 62,5 | 660 |

HCF 081 R/HC 100 R without battery compartment

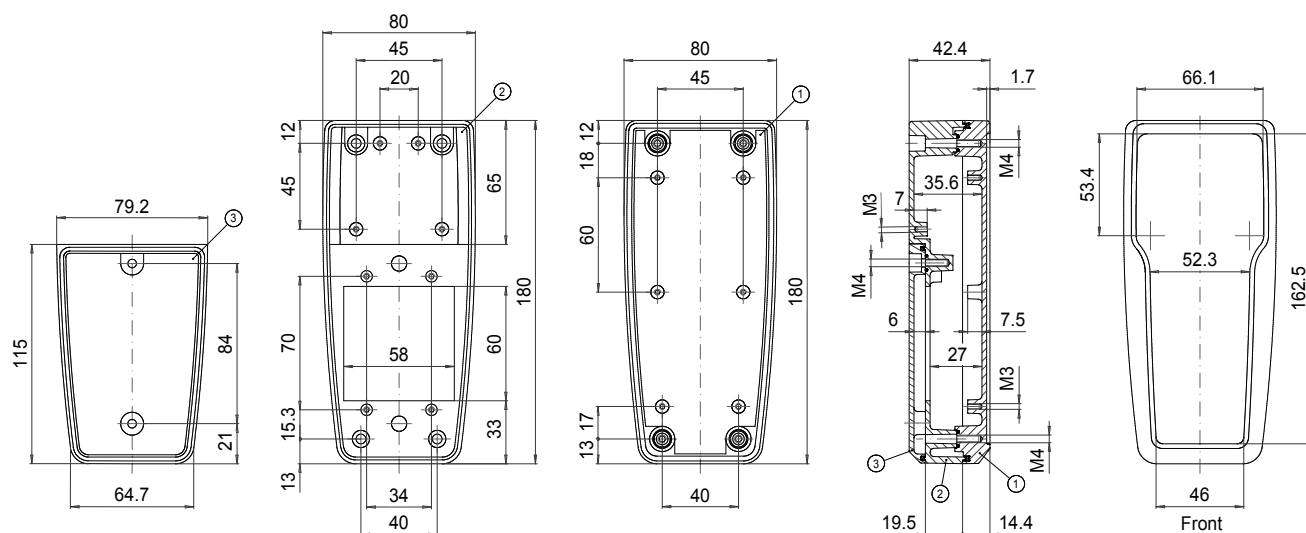
Approvals:



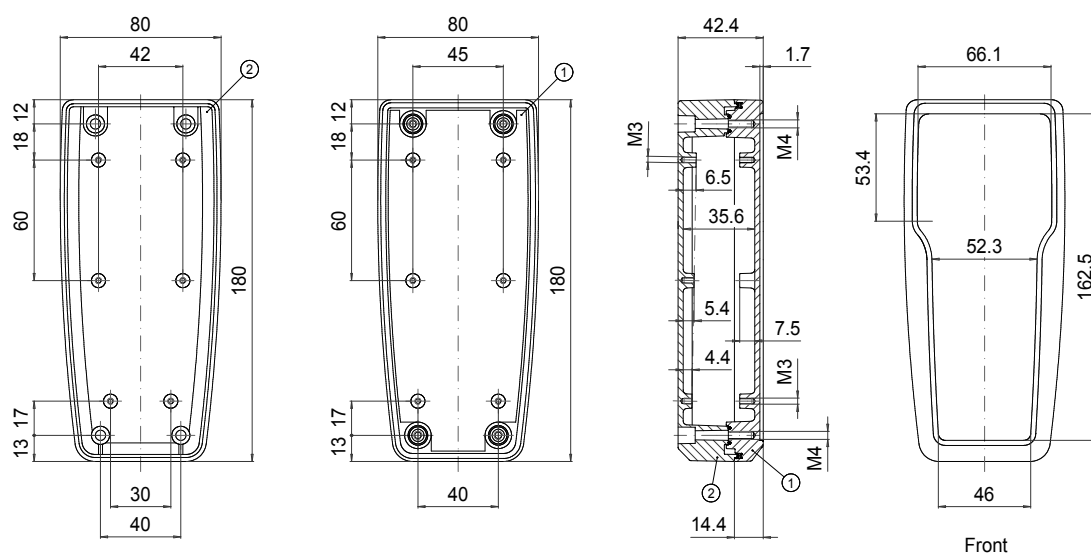
# ROLEC Attachment and mounting dimensions

## handCASE

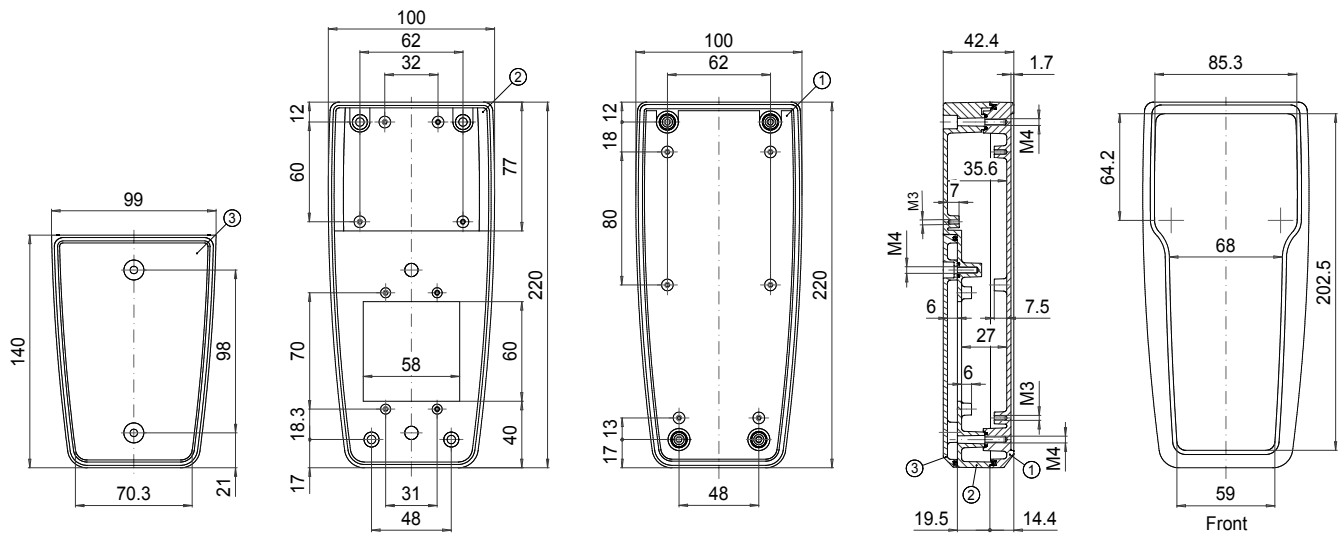
### HCF 080



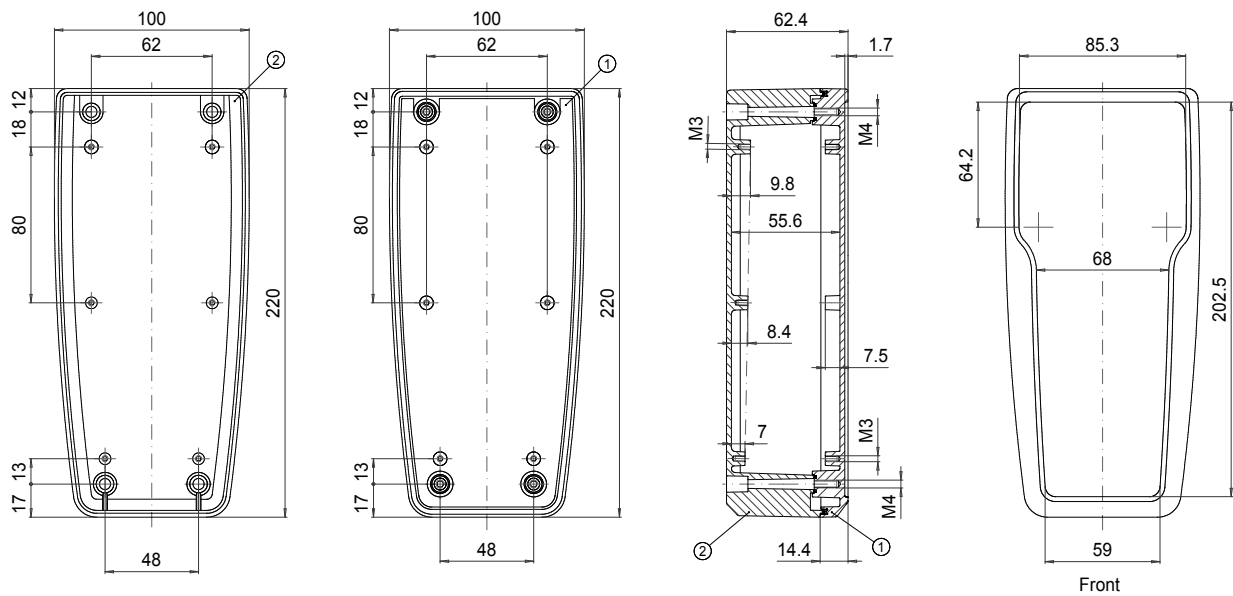
### HCF 081



## HCF 100



## HC 100

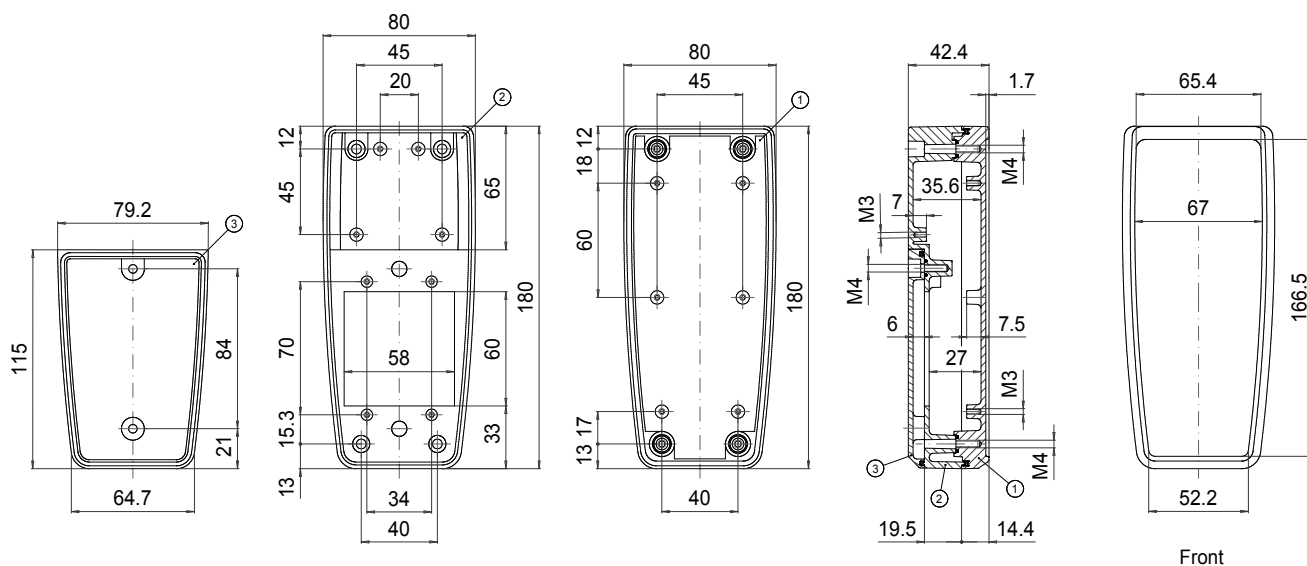


- ① Enclosure lid
- ② Enclosure bottom
- ③ Battery compartment lid

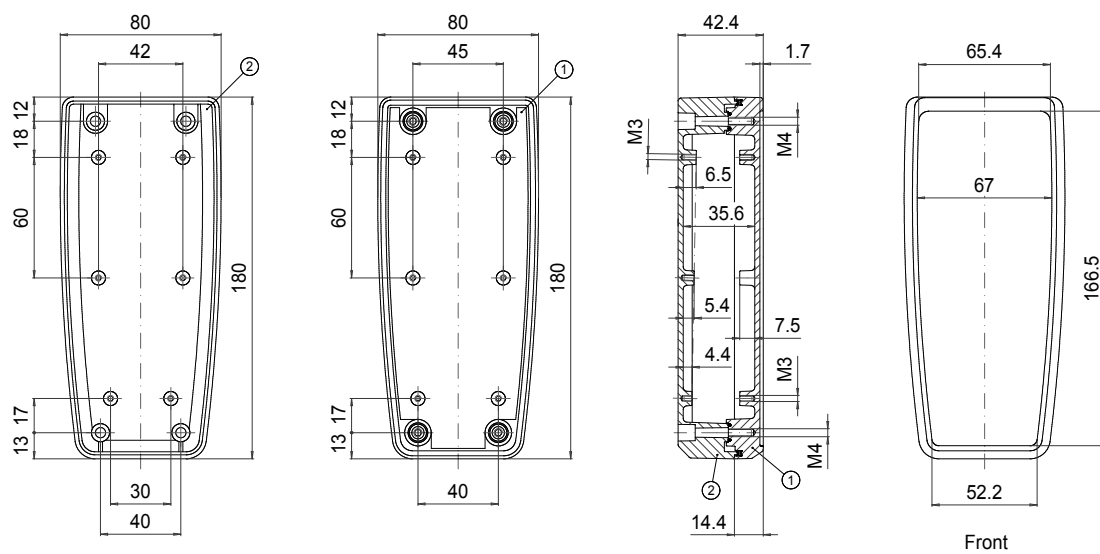
# ROLEC Attachment and mounting dimensions

## handCASE

### HCF 080 R



### HCF 081 R



Technical drawing of the 100x220x206 mm container, showing front, top, and side views with dimensions and callouts.

**Front View:** Dimensions include 84.3 (top width), 86 (inner width), 66.3 (bottom width), and 206 (height).

**Top View:** Dimensions include 100 (top width), 62 (inner top width), 48 (bottom width), 220 (height), 17 (left side offset), 18.3 (left side offset), 70 (left side offset), 31 (bottom offset), 48 (bottom offset), 58 (inner bottom width), 60 (bottom offset), 40 (bottom offset), 77 (right side offset), 12 (right side offset), 60 (right side offset), 70 (right side offset), 100 (top width), 62 (inner top width), 32 (inner top width), 100 (top width), 62 (inner top width), 32 (inner top width), 100 (top width), 62 (inner top width), 32 (inner top width).

**Side View:** Dimensions include 42.4 (top width), 1.7 (top offset), 35.6 (inner top width), 7 (inner top offset), 6 (inner top offset), 27 (inner top offset), 7.5 (inner top offset), 6 (inner top offset), 6 (inner top offset), 19.5 (bottom offset), 14.4 (bottom offset), 17 (left side offset), 18.3 (left side offset), 70 (left side offset), 31 (bottom offset), 48 (bottom offset), 58 (inner bottom width), 60 (bottom offset), 40 (bottom offset), 77 (right side offset), 12 (right side offset), 60 (right side offset), 70 (right side offset), 100 (top width), 62 (inner top width), 32 (inner top width), 100 (top width), 62 (inner top width), 32 (inner top width).

**Callouts:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 7

Technical drawing of a rectangular plate with dimensions and callouts. The drawing includes a top view, a side view, and a front view.

**Top View Dimensions:**

- Overall width: 100
- Overall height: 220
- Inner width: 62
- Inner height: 180
- Bottom edge width: 48
- Bottom edge height: 17
- Top edge height: 12

**Side View Dimensions:**

- Overall width: 62.4
- Overall height: 206
- Inner width: 62
- Inner height: 180
- Bottom edge width: 48
- Bottom edge height: 17
- Top edge height: 12

**Front View Dimensions:**

- Overall width: 84.3
- Overall height: 206
- Inner width: 66.3
- Inner height: 180
- Bottom edge width: 48
- Bottom edge height: 17
- Top edge height: 12

**Callouts:**

- ①: Top corner fastener
- ②: Bottom corner fastener
- M3: Fastener at the top edge
- M4: Fastener at the bottom edge
- 9.8: Distance from the top edge to the first fastener
- 55.6: Distance between the two fasteners
- 8.4: Distance from the bottom edge to the first fastener
- 7: Distance from the bottom edge to the second fastener
- 14.4: Distance from the bottom edge to the third fastener
- 1.7: Thickness of the plate
- 7.5: Distance from the bottom edge to the fourth fastener

- ① Enclosure lid
- ② Enclosure bottom
- ③ Battery compartment lid

