

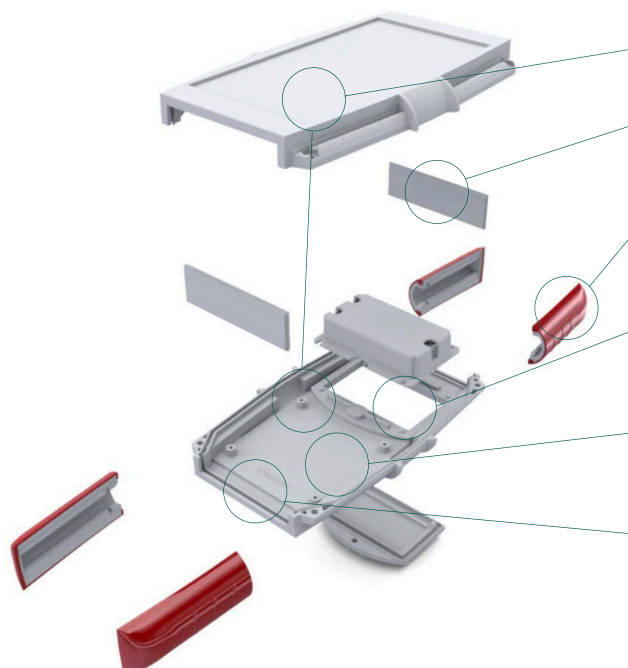
66 Series Rubber Corner Handheld Enclosures

Product overview

Advance your handheld electronic device with the 66 series range of handheld enclosures. This ergonomically designed innovative electronics enclosure is manufactured for quick and easy assembly. Available in a selection of sizes and colours, with the added option of a battery compartment. Moulded in high impact ABS, UL94-V0, the enclosure also features a choice of different coloured rubber corners for added protection. The corners are sold separately, enabling you to choose the colour to suit your requirements. They slide and catch in place to retain the enclosure halves together, allowing for quick and easy screwless assembly*.



Key features



PCB mounting in the top and base

Six bosses in the top, four in the base

2x self-retaining removable end panels

Panels can be easily customised and are self retaining for ease of assembly

4x rubber corners in a choice of seven colours

Slide on rubber corners allow for quick and easy screwless assembly and add increased protection

Battery compartment option

Choose between a standard enclosure or opt for a battery compartment

Body type

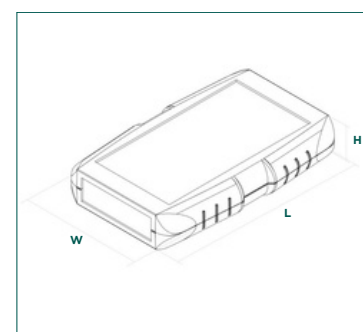
Enclosure is available in six different sizes, two different heights and two different colours.

Gasket path

Increase the IP rating with the optional gasket accessory

Choose your enclosure

INDIVIDUAL SIZE SPECIFICATION					
SIZE	BLACK		GREY		EXTERNAL DIMENSIONS (LXWXH)
	WITHOUT BATTERY DOOR	WITH BATTERY DOOR	WITHOUT BATTERY DOOR	WITH BATTERY DOOR	
1	CHH661NBK CHH662NBK CHH663NBK	CHH661B BK CHH662B BK	CHH661NGY CHH662NGY CHH663NGY	CHH661BGY CHH662BGY CHH663BGY	145mm x 95mm x 25mm
2	CHH664NBK CHH665NBK CHH666NBK	BK CHH663B BK CHH664B BK CHH665B BK CHH666B BK	CHH664NGY CHH665NGY CHH666NGY	CHH664BGY CHH665BGY CHH666BGY	145mm x 95mm x 35mm
3					185mm x 110mm x 25mm
4					185mm x 110mm x 35mm
5					200mm x 120mm x 25mm
6					200mm x 120mm x 35mm



Choose your rubber corners

CHOOSE YOUR RUBBER CORNERS		
COLOUR	TO FIT 25MM HIGH CASES	TO FIT 35MM HIGH CASES
BLUE	CHH66C1BL	CHH66C2BL
GREEN	CHH66C1GR	CHH66C2GR
RED	CHH66C1RD	CHH66C2RD
ORANGE	CHH66C1OR	CHH66C2OR
BLACK	CHH66C1BK	CHH66C2BK
YELLOW	CHH66C1YL	CHH66C2YL
GREY	CHH66C1GY	CHH66C2GY



*Screws and nuts are required for the enclosure to be mains compliant



RANGE SPECIFICATION				
STANDARD UNIT INCLUDES	1 x base, 1 x lid, 2 end panels Battery door option includes: Battery door and retaining screw (M3 x6mm Pozī CSK)			
	Enclosure, lid & panels		UL94-V0 ABS	
MATERIALS	Rubber corners		TPE coated polypropylene	
	25mm enclosure		M3 nut and 8mm pan screw	
HARDWARE (NOT SUPPLIED)	35mm enclosure		M3 nut and 16mm pan screw	
	PCB screw		No.2 (2.2mm) 1/4" (6.5mm) pan	
	Grey		RAL 7035	
ENCLOSURE COLOURS	Black		RAL 9004	
	RoHS compliant			
COMPLIANCE	Designed to meet the requirements of IP54 (IP65 with gasket)			
IP RATING	-10°C to 80°C			
OPERATING TEMPERATURE	Standard			
TEST RESULTS	UL94	Test	Result	Test report
	EN62262	Flammability	V0	E248280
	Enclosure screw impact test		IK08	TR114
SCREW TORQUE	PCB screw		70Nm	
	Country of origin		20Nm	
PURCHASING INFORMATION	Commodity code		China	
			3923101000	
	Weight	Size 1: 103g Size 2: 122g Size 3: 151g	Size 4: 174g Size 5: 181g Size 6: 191g	
	Enclosure type		Handheld	
OPTIONS	For alternative colours and materials MOQs will apply.			

PCB DIMENSIONS FOR ENCLOSURE SIZES			
SIZE	PCB MOUNTING POSITION	MAX PCB DIMENSIONS (LxW)	
		WITHOUT BATTERY COMPARTMENT	WITH BATTERY COMPARTMENT
1	LID	134mm x 70.16mm	-
	BASE	134mm x 70.16mm	70.5mm x 70.16mm
2	LID	134mm x 70.16mm	-
	BASE	134mm x 70.16mm	70.5mm x 70.16mm
3	LID	174.29mm x 84.34mm	-
	BASE	174.29mm x 84.34mm	111mm x 84.34mm
4	LID	174.29mm x 84.34mm	-
	BASE	174.29mm x 84.34mm	111mm x 84.34mm
5	LID	189mm x 94.86mm	-
	BASE	189mm x 94.86mm	120mm x 94.86mm
6	LID	189mm x 94.86mm	-
	BASE	189mm x 94.86mm	120mm x 94.86mm

Dimensions taken from edge-to-edge, corner obstructions need to be accounted for.

Battery compartment accessory

PART NO.	CLIP-IN BATTERY COMPARTMENT TYPE	COLOUR
CHHBAT1BK	PP3 PP3	Black
CHHBAT1GY	AA AA	Grey
CHHBAT2BK		Black
CHHBAT2GY		Grey

Weatherproof gasket accessory

PART NO.	DESCRIPTION
CHH66GSKT	66 Series weatherproof gasket

Potential industries / applications

Handheld diagnostics equipment, control devices, voltmeters, sensor equipment, Mechanics, electrician marine, builders, surveyors.

Customisation options

Digital printing, screen printing, machining / drilling and engraving.

