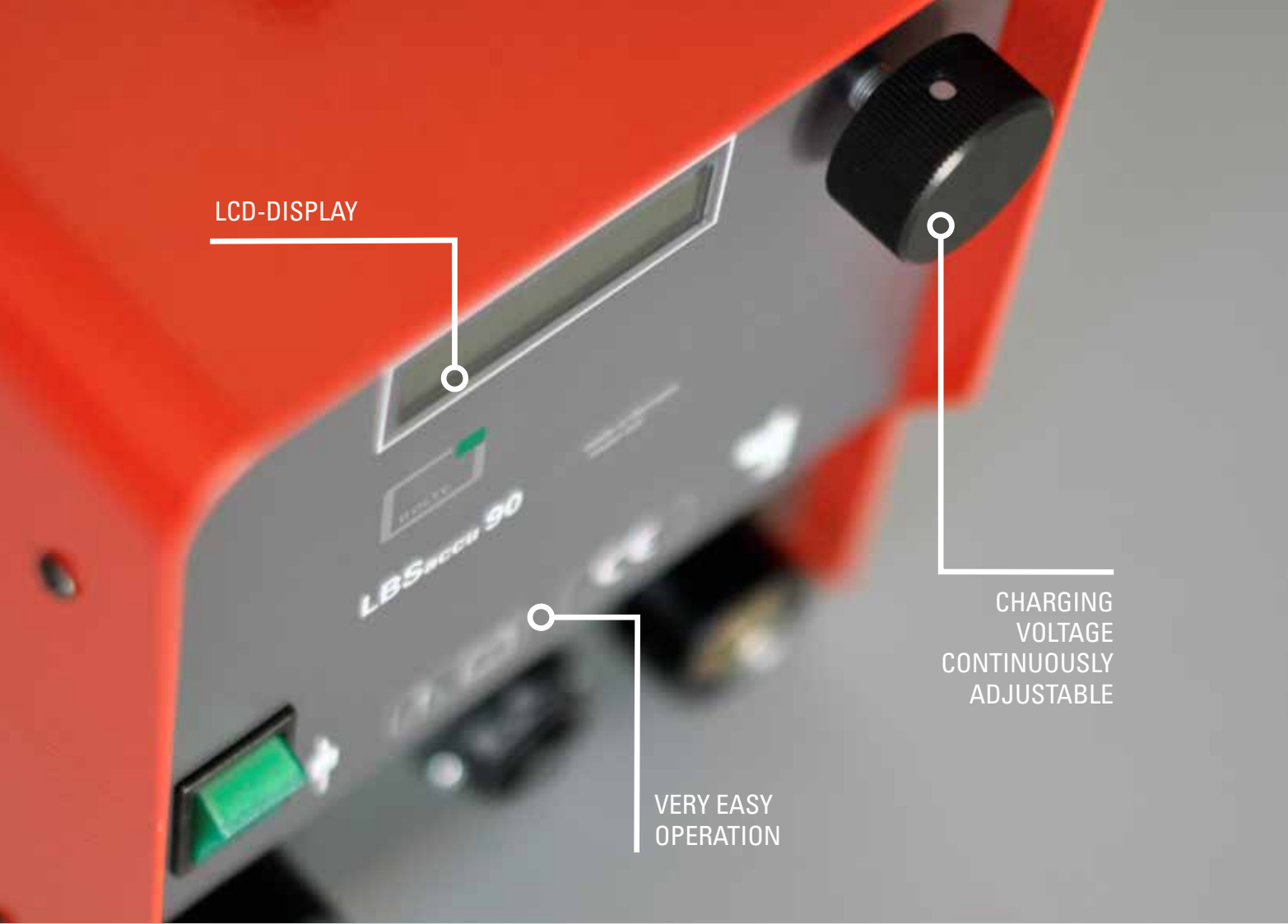




# LBSaccu

BATTERY POWERED STUD WELDING UNITS

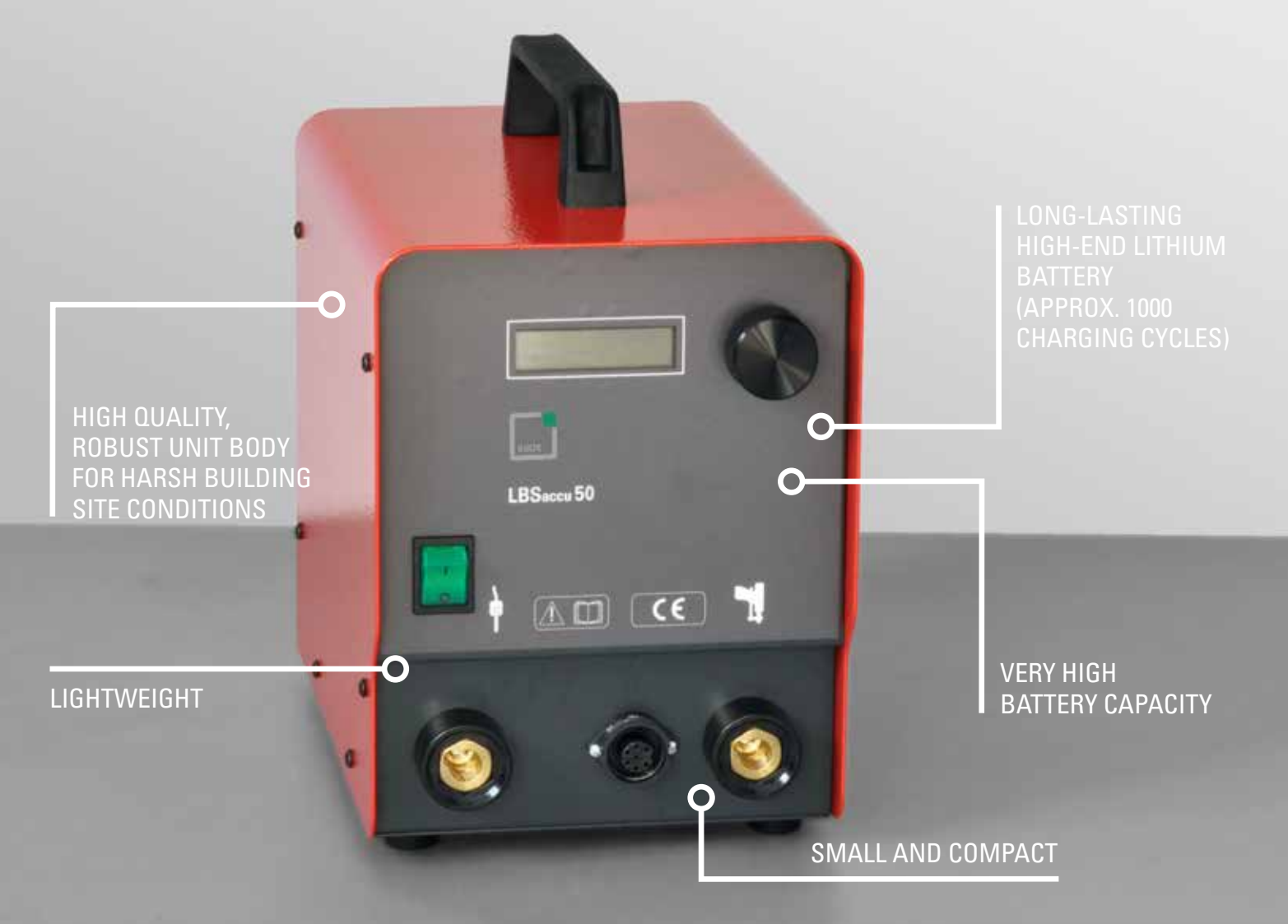
FOR CAPACITOR DISCHARGE STUD WELDING



LCD-DISPLAY

CHARGING  
VOLTAGE  
CONTINUOUSLY  
ADJUSTABLE

VERY EASY  
OPERATION



HIGH QUALITY,  
ROBUST UNIT BODY  
FOR HARSH BUILDING  
SITE CONDITIONS

LONG-LASTING  
HIGH-END LITHIUM  
BATTERY  
(APPROX. 1000  
CHARGING CYCLES)

LIGHTWEIGHT

VERY HIGH  
BATTERY CAPACITY

SMALL AND COMPACT

PKM-1B  
FOR WELDING STEEL AND  
STAINLESS STEEL



PHM-1A  
FOR WELDING STEEL, STAINLESS STEEL,  
ALUMINIUM AND BRASS



PIM-1B  
FOR WELDING CUPPED  
HEAD PINS MADE OF STEEL  
AND STAINLESS STEEL



# HIGH MOBILITY THROUGH

## LIGHTWEIGHT

- » low weight for high mobility

## SMALL AND COMPACT

- » Dimensions: 195 x 302 x 270 mm

## LCD DISPLAY

- » easy to read
- » display of adjusted charging voltage
- » display of welds performed (welding counter resettable)
- » display of welds still possible
- » charging state indicator (colour changing of the display)

## VERY EASY OPERATION

- » charging voltage continuously adjustable
- » one-button operation by robust rotating pressure switch

## APPLICABLE WITH STUD WELDING GUN PKM-1B

- » for welding threaded studs, non-threaded studs, internally threaded studs, earth plugs and insulation nails
- » welding material: steel, stainless steel

## APPLICABLE WITH STUD WELDING GUN PHM-1A

- » for welding threaded studs, non-threaded studs, internally threaded studs, earth plugs and insulation nails
- » welding material: steel, stainless steel, aluminium, brass

## APPLICABLE WITH STUD WELDING GUN PIM-1B

- » for welding cupped head pins
- » welding material: steel, stainless steel

## POWERFUL

- » perfect welds of very high strength
- » very high battery capacity

## LONG-LASTING HIGH-END LITHIUM BATTERY

- » Battery life approx. 1000 charging cycles!

## FULL BATTERY CHARGE FROM MAINS IN ONLY 3 HOURS

## EASY, TOOL-LESS CHANGE OF BATTERY

## EFFICIENT ENERGY MANAGEMENT

- » automatic stand-by mode (after 30 minutes)
- » automatic shut-down (after 60 minutes)

## ELECTRONICALLY CLOCKED INVERTER CHARGING BOARD

- » ensure short charging times and thus quick welding sequences
- » ensure energy-efficient charging of capacitors

## MAINS OPERATION

- » Alternatively (e.g. when the battery is empty), the units can be operated at every power socket.

## UTMOST SAFETY

- » electronic function control
- » self-diagnosis system
- » automatic function test
- » repeat cycle lock to avoid welding on already welded studs
- » battery deep discharge protection

## HIGH QUALITY, ROBUST UNIT BODY FOR HARSH BUILDING SITE CONDITIONS

# WELDING BATTERY OPERATION!



## TECHNICAL DATA AND CHARACTERISTICS

	LBSaccu 50	LBSaccu 50s	LBSaccu 75	LBSaccu 75s	LBSaccu 90	LBSaccu 90s
<b>Max. welding diameter (mm)</b>	6		8		10	
<b>Welding material</b>	steel, stainless steel	steel, stainless steel, aluminium, brass	steel, stainless steel	steel, stainless steel, aluminium, brass	steel, stainless steel	steel, stainless steel, aluminium, brass
<b>Capacitance (µF)</b>	47000		66000		88000	
<b>Charging voltage (V)</b>	60 - 200					
<b>Welding time (mS)</b>	1 - 3					
<b>Number of welds/battery charge</b>	M3/Ø3: 2800 M4/Ø4: 1500 M5/Ø5: 1100 M6/Ø6: 650		M3/Ø3: 2800 M4/Ø4: 1500 M5/Ø5: 1100 M6/Ø6: 650 M8/Ø8: 400		M3/Ø3: 2800 M4/Ø4: 1500 M5/Ø5: 1100 M6/Ø6: 650 M8/Ø8: 400 M10: 250	
<b>Battery (capacity/voltage)</b>	2 x 7,5 Ah/12 V					
<b>Battery life</b>	1000 charging cycles					
<b>Battery charging time</b>	3 hours					
<b>Error diagnosis systems</b>						
Excess temperature	x	x	x	x	x	x
Damage on welding/control cable	x	x	x	x	x	x
Damage on solenoid	x	x	x	x	x	x
<b>External power adapter (for charging/welding from mains)</b>	100-240 V, 50/60 Hz, 4000 mA					
<b>Thermic controlled ventilator</b>	x	x	x	x	x	x
<b>Robust, powder-coated metal housing</b>	x	x	x	x	x	x
<b>Dimensions</b>						
W x H x L (mm)	195x302x270	195x302x270	195x302x270	195x302x270	195x302x270	195x302x270
Weight (kg)	9,9	10	10,4	10,5	11,3	11,4
<b>Control cable socket for welding guns</b>	7-pin					
<b>Suitable welding guns</b>						
PKM-1B	x	o	x	o	x	o
PHM-1A		x		x		x
PIM-1B	o	o	o	o	o	o

x – Standard, o – Option



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