

motors - drives & controls

MODICO



Akku Pack

Type 1300

Rev. 1.0



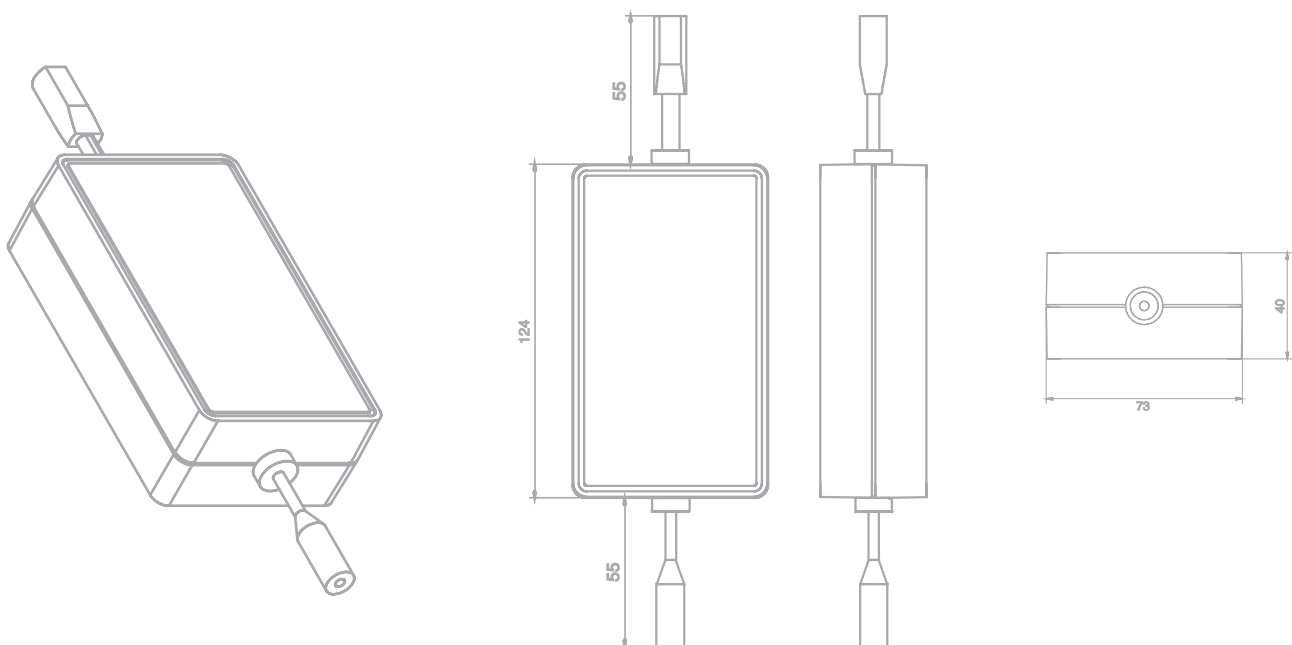
powered by innovative technologies



Technical data of Akku Pack

Name	Data
Nominal capacity (average)	1300 mAh
Minimum capacity	1250 mAh
Rated Voltage	25,9 V
Cycle capacity	80% residual capacity after 300 cycles
Cell-end voltage	19,6 V
Maximum output current	≤ 5 A/DC
Acoustic signal at	≤ 22 V and $I_{last} \geq 600$ mA
Dimensions (length x width x height)	124 mm x 73 mm x 40 mm
Weight	400 g
Housing material	ABS
Features	<ul style="list-style-type: none"> ➔ Smallest possible housing dimensions ➔ Short-circuit proof output ➔ Overcurrent circuit breaker ➔ Overload protection ➔ Protection against overcharge of Akku Pack ➔ Latest battery technology (Lithium-manganese cells) ➔ Self-discharge less than 2% per month ➔ No memory effect ➔ Acoustic signal if charging capacity is too low for an operation of motors. ➔ Different plug-in power supplies available for different countries ➔ Display of charging process at plug-in power supply

Technical drawing of Akku Pack

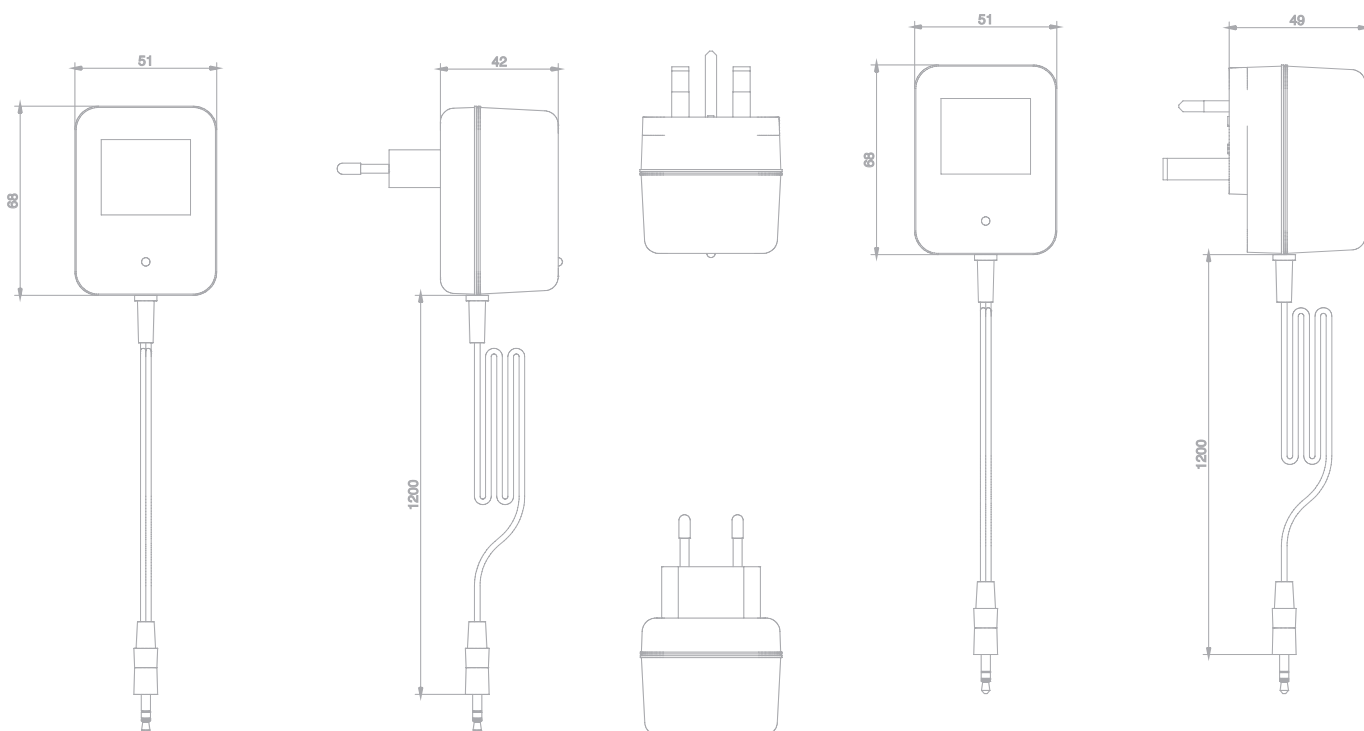


Technical data of charging adapter

Name	Data
Input voltage	230 VAC * 7 - 10 %; 50 Hz
Input safety	Thermal fuse 125 °C / 2A
No-load power input	approx. 2,5 W
Rated power input	approx. 5 W
No-load output voltage	max. 42 VDC at 230 VAC
Minimum output voltage	19 DC
Rated output voltage	29,4 VDC +/- 10 % matching Li-Io secondary cells
Hum voltage	< 3 V
Rated output current	100 mA
Weight	360 g
Housing material	ABS
System of protection	IP20
Approvals	CE
Standards	EN60558
Red LED Off	Output current < 1 mA
Red LED On	Output current > 10 mA
Country versions	EU, UK

The charging adapter matches the Modico Akku-Pack 1300 and must on no account be connected to other consumers.

Technical drawing of charging adapter

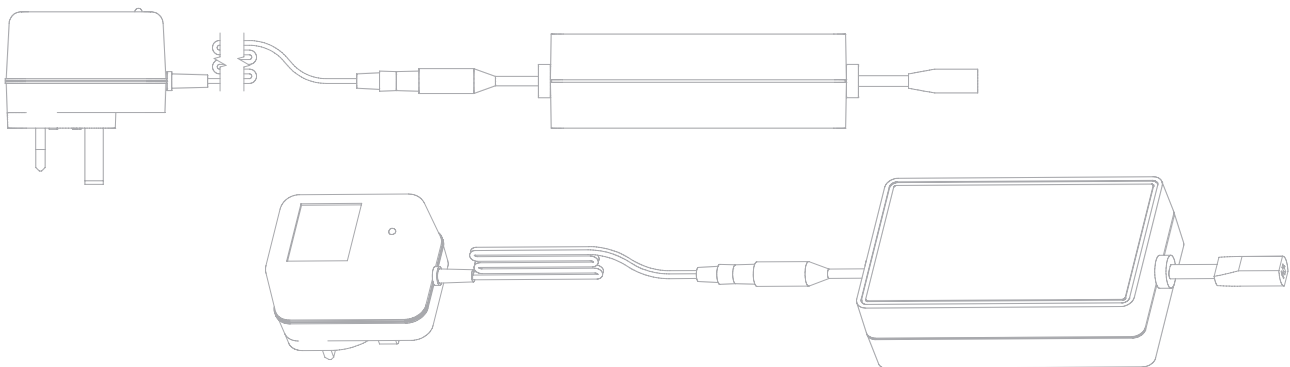




Article numbers and match codes

Name	Match code	Article number
Akku Pack 1300	AP-BL-0-0-0-0-1-00-40	17
Charging adapter EU	WA-BL-0-2-1-00-40-180	16
Charging adapter UK	WA-BL-3-2-3-00-40-180	32
DC charging cable 1000 mm	SL-BL26020-1BL100-BL03020-02-00	27

Connection of Akku Pack to a plug-in power supply



Connection of Akku Pack to DC charging cable and charging adapter

