

	Birdie® EVO ✓	Birdie® EVO COMPACT	Birdie® EVO PLUS / XPLUS
Type B Applied Part	Applied part complying with the specified requirements for protection against electrical shock according to IEC60601-1.		
Sound level	45 – 50 dB(A)		
Working ability	40 full lifts (with battery between 100% – 50% of full capacity)		
Intermittent (periodic motor operation)	10%, max. 2 min/18 min		
Battery specifications	2 x 12 V / 2.9 Ah		
Battery type	Lead acid (service free, sealed)		
Manual emergency lowering	✓ Yes (at bottom of actuator)	Optional (at top of actuator)	Yes (at bottom of actuator)
Electric emergency lowering / lifting	✓ Yes / Yes (for CBJ1 and CBJ Care) Yes / No (for CBJ2 and CBJ Home)	Yes / No (for CBJ2 and CBJ Home)	Yes / Yes (CBJ1 and CBJ Care) Yes / No (CBJ Home)
Power Consumption	while charging: max. 19 W in standby: max. 2.5 W		
Lifting Speed - without load	35 mm/s	28 mm/s	47 mm/s
Lifting Speed - with 80 kg person	30 mm/s	23 mm/s	40 mm/s

\*IPx4 - The system is protected against water splashed from any direction.

### 11.4 Environmental conditions

	Storage and transportation	Operation
Temperature	-10 °C to +50 °C	+5 °C to +40 °C
Relative humidity	20% to 90% at 30 °C, not condensing	
Atmospheric pressure	800 hPa to 1060 hPa	

-  Allow the product to reach operation temperature before usage:
- Warming up from minimum storage temperature might take more than 30 minutes.
  - Cooling down from maximum storage temperature might take more than 5 minutes.

### 11.5 Materials

Component	Material
Base, legs, mast and boom	Steel, powder-coated
Spreader bar	Steel, powder-coated and TPU

Component	Material
Actuator housing, hand control, mast protector, castors and other plastic parts	Material according to marking (PA, PP, PE)
Boom connector, bolts and nuts	Steel, zinc-plated

All components of the product are either corrosion resistant or corrosion protected.

### 11.6 Operating forces of controls

Control	Operating force
Buttons on control unit	4 N
Buttons on hand control	4 N
Foot pedal*	max. 290 N
Leg spreader lever on Birdie® EVO / Birdie® EVO COMPACT	max. 50 N
Leg spreader lever on Birdie® EVO XPLUS	max. 95 N

\* A leg spreader lever is mandatory for Birdie® EVO equipped with 75 mm castors and for Birdie® EVO XPLUS with manual leg spreader.

UAE TEL: 04 381 1111  
 Website: www.invacare.com  
 MIRA 2014

