



**E-POWER
PRODUCTS**

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& FUNCTIONAL REQUIREMENTS

MEYRA® E-POWER WHEELCHAIRS

[illegible]

FURTHER INFORMATION
OUR SPECIALIST RETAILERS WILL BE HAPPY TO ADVISE YOU.

THE NEW iCHAIR CONCEPT

iCHAIR
NEW DESIGN



New ErgoSeat cover with grey seams



Seat/back tube and two-piece legrest as standard in matt black, available in polar white, magic blue, red metallic, lemon reflex and sun yellow at a surcharge

Matt black Structure CODE 207	Magic blue CODE 186	Lemon reflex CODE 180	Sun yellow CODE 214	Red metallic CODE 227	Polar white CODE 212



New clothing guard in black available with colour accent in frame colour at a surcharge



New smaller front lights



Chassis frame in matt black as standard



New abrasion-resistant, black wheels and carbon-look rims available at a surcharge with rim inserts in polar white, magic blue, red metallic, lemon reflex and sun yellow

THE NEW-LOOK iCHAIR FAMILY*

New colour concept and innovative product design

*with the exception of the iCHAIR BASIC

THE PROVEN ENTRY-LEVEL MODEL

iCHAIR MC BASIC – THE RELIABLE ENTRY-LEVEL MODEL

- For all users not requiring electrical adjustments
- Preconfigured power chair with puncture-resistant tyres
- Easy transport thanks to folding backrest
- High-quality, impact-protected and bright LED lighting for safety even in poor visibility conditions
- Swing-away and depth-adjustable VR2 controls for comfortable operation
- Modular design and maximum compatibility of parts
- Simple and effective maintenance thanks to pull-out battery case



iCHAIR
MC BASIC
1.609



iCHAIR
MC1
1.610



iCHAIR MC1 – THE INTELLIGENT ENTRY-LEVEL MODEL

- Electrical seat adjustments like back angle adjustment and tilt possible
- For relaxed positioning and effective pressure relief
- Use of VR2 electronics
- Pull-out battery case enables simple and effective maintenance
- Split aluminium rims for quick and easy service
- Individual choice of three castor wheel sizes and two drive wheel sizes
- High-quality, impact-protected and bright LED lighting for safety even in poor visibility conditions

FULL SPEED AHEAD

iCHAIR MC2 – THE REAR-DRIVE CLASSIC AND POWERFUL ALL-ROUNDER

- Compact dimensions, standard suspension and wide range of options
- Comfortable and safe
- Individually adjustable rear-wheel suspension
- Optimum support over long sitting periods and on uneven ground
- Various seating systems for individual needs
- Electric legrests ensure relaxed positioning
- Pressure relief and extension of the mobility radius due to scissor lift and electrical seat tilt



iCHAIR
MC2
1.611



iCHAIR
MC2 RS
1.615



iCHAIR MC2 RS – EXCEPTIONALLY SPORTY

- Sporty and strikingly trendy
- Perfectly matching additional features make the iCHAIR MC2 RS unique
- Individually engraved side panel including red or blue LED lighting with a name of choice
- Optional 13 km/h speed and extrawide cross tyres with studded tread
- Black and red ErgoSeat cover
- Black Recaro seat unit can be integrated for comfortable sitting over long periods

STURDY & HIGH-LEVEL COMFORT

iCHAIR MC3 – WITH ALL-WHEEL SUSPENSION FOR STABILITY AND COMFORT

- All-wheel suspension with adjustable spring rate as standard
- Ideal ride comfort on uneven ground, impacts are compensated while moving
- 30 cm seat elevation available as an option
- Effective pressure relief thanks to electrical seat tilt
- Choice of two control modules:
3.5" LCD colour display with integrated infrared/Bluetooth for simple smartphone and environmental control or R-NET Omni control system as a basis for a large selection of special controls, such as chin or lip control



iCHAIR
MC3
1.612



iCHAIR
MC FRONT
1.613



iCHAIR MC FRONT – OUTSTANDING RIDE STABILITY, EXCELLENT TRACTION WITH FRONT-WHEEL DRIVE

- ESP included as standard with an optional speed of 10 km/h
- Control module with large 3.5" LCD colour display, simple smartphone and environmental control due to integrated infrared/Bluetooth
- Small overall width enables the user to move close to objects indoors
- Easy transfer in and out of the wheelchair thanks to central legrest being lowerable to floor and angle adjustable
- Various individually configurable seating systems can be integrated
- Electrical seat tilt for optimum positioning and pressure relief
- Individually engraved side panel including red or blue LED lighting with a name of choice

FOR BIG & SMALL

iCHAIR XXL – ESPECIALLY STURDY FOR USER WEIGHT UP TO 250 KG

- Reinforced components like electric legrest and back angle adjustment
- Two powerful 350 Watt motors
- Ideal for high user weights
- Large seat widths
- Simple operation via the control module with 3.5" LCD colour display and integrated infrared/Bluetooth for simple smartphone and environmental control.
- ErgoSeat seating system
- External seating systems can be integrated



iCHAIR
XXL
1.614



iCHAIR
MCS
1.616



iCHAIR MCS – MOBILITY FOR MORE AUTONOMY

- Ideal for children and shorter users
- Eye-to-eye communication and height-difference compensation with 20 cm seat elevation
- Compact chassis enables integration of external seating systems
- Best-possible positioning and pressure relief for relaxed sitting over longer periods with control of all electrical adjustments
- Central legrest with knee angle adjustment

UNBELIEVABLY AGILE

iCHAIR ORBIT – THE NEW MID-WHEEL DRIVE

- Extremely compact, sturdy and agile
- Precise manoeuvring around obstacles or on the spot
- Low seat height and overall width, ideally suited for confined spaces
- Extremely intuitive operation - also with special controls
- Utmost flexibility thanks to single or double support castors and variable equipment like electrical back angle adjustment



iCHAIR
ORBIT
1.618



iCHAIR
SKY
1.620
stay safe



iCHAIR SKY – THE NEW STAND-UP CHAIR WITH MEMORY FUNCTION FOR OPTIMUM ADJUSTMENT

- Agile standing chair with compact dimensions and mid-wheel drive
- Ideal for confined spaces in and out of doors
- Biomechanical seat system combined with memory function for individual adjustment, standing curve and premium ease of operation
- Advanced lie-down function with biomechanics for armrests and headrest
- Seat tilt for optimum pressure balance
- Stand-up function possible from any position

GET OUT AND ABOUT

OPTIMUS 2- UNSURPASSABLE OUT OF DOORS

- Ideal for long distances out of doors
- Optimised chassis geometry enables best-possible handling
- RS version with particularly sporty look in red and black
- Single-wheel suspension and high climbing ability are ideal for high kerbs, higher slopes and challenging and rough ground
- Puncture-proof tyres with studded tread for excellent traction and off-road capability
- Direct steering combined with a travel speed of 6, 10 or 15 km/h for high-level safety and reliability outdoors
- Larger batteries available for long range and outstanding climbing ability



MOBILE AROUND THE HOUSE



CLOU - AT HOME, AT SCHOOL, AT WORK OR IN A CARE HOME

- Compact dimensions, suitable for confined indoor spaces
- Versatile power wheelchair with VR2 controls
- Folding frame and detachable parts
- Even suitable for transport in small cars
- Individual seat and back adjustment

PRODUCT BENEFITS



iCHAIR MC BASIC 1.609

- Modular design, maximum compatibility of parts
- Durable and bright LED lighting
- Flexibly positionable control module bracket
- Puncture-resistant tyres



iCHAIR MC1 1.610

- Electrical adjustments
- Easy maintenance
- Durable and bright LED lighting
- Various tyres incl. puncture resistance



iCHAIR MC2 1.611

- Upgradable
- Control of various electrical adjustments
- 160 kg user weight and rear-wheel suspension
- Reliable rear-wheel drive



iCHAIR MC2 RS 1.615

- ESP
- Speeds of up to 13.5 km/h
- Upgradable
- Control of various electrical adjustments
- Rear-wheel drive with rear-wheel suspension



iCHAIR MC3 1.612

- High complexity requirements
- Shock-absorbing all-wheel suspension with adjustable spring rate
- Control of all electrical adjustments
- 160 kg user weight standard



iCHAIR MC FRONT 1.613

- Powerful front drive
- Central legrest with 90° knee angle, mechanical or electrical
- Excellent off-road capability and stability
- Small total width



iCHAIR ORBIT 1.618

- Intuitive moving
- Mid-wheel drive
- Enables standing up unaided
- Programmable motion sequences
- Optimum adaptability
- Indoors and outdoors
- High complexity requirements



iCHAIR SKY 1.620

- Quick individual adjustment
- Large electrical adjustment ranges
- Large stand-up angle
- Biomechanical seat
- Precise manoeuvring, very agile
- Mid-wheel drive
- Memory function: saves movement patterns and positions



XXL

iCHAIR XXL 1.614

- User weight up to 200/250 kg
- Seat width up to 77 cm
- Electric legrests, back adjustment and seat tilt
- 350 Watt motors



iCHAIR MC S 1.616

- Minimal seating dimensions
- Compact chassis
- 20 cm seat elevation
- Control of all electrical adjustments
- Combination with external seating systems



OPTIMUS 2 2.322

- 950 W motor
- High speeds of up to 15 km/h
- For long distances
- Single-wheel suspension and high climbing ability
- Excellent handling on rough ground
- Puncture-proof wide tyres with studded tread



CLOU 9.500

- Compact dimensions
- Folding
- Indoors
- Individual adaptation by means of interactively programmable drive characteristics
- Proven VR2 electronics



iCHAIR SKY
stay safe

SPECIFICATIONS

Dimensional tolerances ± 10 mm, ± 2°, data subject to design changes

	CLOU 9.500	iCHAIR MC BASIC 1.609	iCHAIR MC1 1.610	iCHAIR MC2 1.611	iCHAIR MC2 RS 1.615	iCHAIR MC S 1.616	iCHAIR MC3 1.612	iCHAIR ORBIT 1.618	iCHAIR MC FRONT 1.613	iCHAIR XXL 1.614	OPTIMUS 2 2.322	iCHAIR SKY 1.620
HMV (Medical Aids Index) no.	18.46.05.0008	18.50.04.0154	18.50.04.0124	18.50.04.0125	18.50.04.0174	18.50.05.0014	18.50.04.0123/ 18.99.06.1061	18.50.04.0209/18.99.06.1130	18.50.04.0173	18.50.04.0145/ 18.99.06.1067	18.50.04.1016/ 18.51.02.0029	18.99.03.2033
Seat width in mm	380 – 500 / 430 – 550	430 – 550	430 – 600 ³⁾	380 – 650 ⁷⁾	380 – 650 ⁷⁾	300 – 440	380 – 650 ¹⁰⁾	380 – 650	380 – 650	530 – 770 ³⁾	380 – 560	400 – 530
Width in mm	min. 590 / max. 700	max. 590 ²⁴⁾	580 – 630 ^{4) 24)}	580 – 620 ^{8) 24)}	635 ²⁴⁾	580 ²⁴⁾	630 ^{4) 24)}	600 / 600 / 630 / 680 with 12" ²⁴⁾ 640 / 640 / 640 / 680 with 14" ²⁴⁾	620 ²⁴⁾	670 – 920 ²⁴⁾	680	640 ²⁴⁾
Seat depth in mm	430	400 – 530	400 – 560 / 400 – 560 ³⁾	400 – 560 / 400 – 560 / 500 / 480 – 530 ⁷⁾	400 – 560 / 480 – 530 ⁷⁾	300 – 400	400 – 560 / 400 – 560 / 500 / 480 – 530 ¹⁰⁾	400 – 560 / 400 – 560 / 480 – 530 ¹³⁾	400 – 560 / 400 – 560 / 480 – 530 ¹²⁾	430 – 600 ³⁾	500 / 420 – 530 / 480 – 530 ¹⁰⁾	400 – 525
Lower leg length in mm	360 – 500	280 – 430 ¹⁾	280 – 430 / 350 – 500 ³⁾	280 – 430 / 350 – 500 / 350 – 500 ⁷⁾	350 – 500 / 350 – 500 ⁷⁾	250 – 350 ¹⁾	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 ¹⁰⁾	280 – 450 ¹²⁾	280 – 430 / 330 – 450 ¹³⁾	370 – 510 ³⁾	380 – 520 / 410 – 550 / 420 – 560 ¹⁰⁾	250 – 435 ²⁹⁾
Seat height front (without seat cushion) in mm	510	440 – 510 ¹⁾	440 – 510 / 500 – 600 ³⁾	440 – 530 / 510 – 600 / 560 – 650 / 590 – 680 ⁷⁾	530 – 600 / 580 – 650 ⁷⁾	420 – 470 ¹⁾	460 – 520 / 530 – 590 / 580 – 640 / 610 – 670 ¹⁰⁾	430, 465, 500 / 440, 475, 510 ³⁰⁾	440 – 510 ¹³⁾	460 – 560 / 530 – 630	610 / 580 / 650	450 / 485 / 520 ²⁹⁾
Total height in mm		max. 1,010	930 – 1,130 ⁴⁾	930 – 1,130 ⁸⁾	1,010 – 1,130 ⁸⁾	890 – 925 ⁹⁾	970 – 1,140 ⁴⁾	980 – 1,060 ^{9) 28)}	960 – 1,080 ⁹⁾	1,020 – 1,150 ³⁾	1,170 / 1,050 / 1,130 ¹⁰⁾	1,080 – 1,150 ²⁸⁾
Back height in mm	400 (without seat cushion)	500 ¹⁾	450 – 500 / 530 – 570 ³⁾	450 – 500 / 530 – 570 / 640 / 640 ⁷⁾	530 – 570 / 640 ⁷⁾	390 / 440 ⁹⁾	450 – 500 / 530 – 570 / 640 / 640 ¹⁰⁾	450 – 500 / 530 – 580 / 630 ¹³⁾	450 – 500 / 530 – 570 / 640 ¹²⁾	530 – 570 ³⁾	640 / 550 / 640 ¹⁰⁾	540 ³⁰⁾
Armrest height in mm	190 – 300	240 – 350 ¹⁾	240 – 350 / 180 – 290 ³⁾	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 ⁷⁾	180 – 290 / 180 – 290 ⁷⁾	180 – 250 ¹⁾	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 ¹⁰⁾	240 – 350 ¹³⁾	240 – 350 ¹³⁾	170 – 280 ³⁾	190 – 250 / 220 – 280 / 230 – 290 ¹⁰⁾	200 – 350 ²⁹⁾
Length with / without footrest in mm	1,100 / 790	1,110	1,130 / 830	1,130 / 830	1,130 / 830	970 / 790	1,170 / 870	1,180 / 1,250, 1,060 – 1,150 ³²⁾ / 910	1,065 – 1,130 / 910	1,150 / 850	1,160 / 1,030	1,095
Transport length in mm	790	840	830	830	830	790	870	870 – 930	910	850	1,340 / 1,160 / 1,260 ¹⁰⁾	905
Transport width min. in mm	590	590	580	580	635	580	630	600 – 680 ²⁾	620	670	680	640
Transport height min. in mm	910	600	560	570	590 – 660	610	590	630	610	860	720 / 760 / 800 ¹⁰⁾	1,080 – 1,150
Wheel size, front, in mm	200 x 50 (8")	225 x 70 (9")	260 x 70 (10") 230 x 70 (9") 200 x 50 (8")	260 x 70 (10") 230 x 70 (9")	260 x 70 (10")	190 x 50 (8") 225 x 70 (9")	260 x 70 (10")	200 x 50 (8")	352 x 75 (14")	260 x 70 (10")	360 x 120	170 x 35 (7")
Wheel size, rear, in mm	320 x 60 (12.5")	320 x 60 (12.5 x 2.5")	356 x 75 (14") 320 x 60 (12.5")	356 x 75 (14") 320 x 60 (12.5")	380 x 75 (15")	320 x 60 (12.5")	356 x 75 (14")	325 x 58 (12.5")	230 x 70 (9")	356 x 75 (14")	320 x 100	356 x 75 (14")
Max. obstacle height in mm	60	60	60 ⁵⁾	60 ⁵⁾	60 ⁵⁾	60	60	60	60	60	110	60
Turning radius in mm	1,000	840	840	840	840	840	900	800 / 700 ³²⁾	650	950	1,200	640 ²⁶⁾
Ground clearance in mm								70				70
User weight in kg	120	120	120	160	160	75	160	120 / 160 ³³⁾	160	200 / 250	150 / 150 / 120	140
Empty weight in kg	67	81 ²⁾	100 ²⁾	100 ²⁾	100 ²⁾	89 ²⁾	108 ²⁾	120 – 165	108 ²⁾	130 ²⁾	150 ²⁾	173
Permissible total weight in kg	210	220	280	320	320	200	320	270 / 330	280	340	330 / 330 / 300	340
Max. additional load in kg	10	10	10	10	10	10	10	10	10	10	10	10
Speed in km/h	6	6	6	6 / 10	6 / 13	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10 / 15	6 / 10
Motor power in W	2 x 180	2 x 180	2 x 180	2 x 220 / 2 x 300	2 x 300 / 2 x 350	2 x 180 / 2 x 300	2 x 220 / 2 x 300	2 x 180 / 2 x 350	2 x 220 / 2 x 300	2 x 300 / 2 x 350	950	2 x 350
Range max. in km	30	25	28 ¹⁸⁾ 40 ¹⁹⁾	25 – 30 ¹⁷⁾ 35 – 40 ¹⁹⁾	35 – 40 ¹⁹⁾	28 ¹⁸⁾ 40 ¹⁹⁾	25 – 30 ¹¹⁾ ¹⁸⁾ 35 – 40 ¹¹⁾ ¹⁹⁾	25 – 30 ¹⁷⁾ 35 – 40 ¹⁹⁾	28 ¹⁸⁾ 40 ¹⁹⁾	35 ¹¹⁾ 30 – 35 ¹⁹⁾	50 – 70 ²²⁾	35 ²⁰⁾ 40 ²¹⁾
Permitted uphill/downhill gradient in per cent	12 %	15 %	15 %	15 %	15 %	15 %	15 %	15 %	11 %	15 %	18 %	15 %
Seat tilt, electrical, in degrees			-2° to 26° ⁶⁾	-2° to 26° / 0° to 50° ⁶⁾	-2° to 26° / 0° to 50° ⁶⁾	0° to 22° / 0° to 30° ²³⁾	-2° to 33°	0° to 30° / 0° to 50°	4° to 26° / 0° to 50°	0° to 18° ⁶⁾	7° - 22° / 5° - 20° / 20° - 35° ¹⁰⁾	40°
Back angle, electrical, in degrees			-10° to 50°	-10° to 50°	-10° to 50°	-5° to 35°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	90° to 180° ³¹⁾
Seat tilt, mechanical, in degrees		0° to 10°	0° to 10°	0° to 10°	0° to 10°	0° to 10°	0° to 10°	1°, 4°, 7°, 10°	4° to 10°	0° to 10°	7° - 15° / 5° - 13° / 20° - 28°	
Back angle, mechanical, in degrees		-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	0° to 30°	
Seat lift, electrical, in mm				300	300	200	300	300	300	300		200
Steering type	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Direct	Indirect
Stand-up aid with electrical tilt, lift 200 mm								0° to 45°				

¹⁾ measured with seat tilt 4° (without seat cushion)
²⁾ without armrests and legrests
³⁾ seating systems belt / ErgoSeat/ seat angle 4°
⁴⁾ seating systems belt / ErgoSeat
⁵⁾ 120 mm incl. step climber

⁶⁾ adjustment range dep. on SH and castor wheel size
max. +/- 3° deviation
⁷⁾ seating systems belt / ErgoSeat/ ERGOSTAR / RECARO seat angle 4°
⁸⁾ seating system ErgoSeat
⁹⁾ with adjustable back

¹⁰⁾ seating systems seat pan / ErgoSeat / ERGOSTAR / RECARO
¹¹⁾ under test conditions 6 / 10 km/h with battery 73 Ah (20h)
¹²⁾ to seat pan without cushion
¹³⁾ seating systems Standard / ErgoSeat / Recaro
¹⁴⁾ adjustable by 220 mm via pelvic pelottes

¹⁵⁾ in conj. with seat tilt up to 1,010 mm possible
¹⁶⁾ 40 mm with additional support castors
¹⁷⁾ with 43 Ah (5h), 50 Ah (20h) battery
¹⁸⁾ with 38 Ah (5h), 45 Ah (20h) battery
¹⁹⁾ with 63 Ah (5h), 73 Ah (20h) battery

²⁰⁾ with 52 Ah (5h), 60 Ah (20h) battery
²¹⁾ with 107 Ah (20h) battery
²²⁾ in conj. with seat lift
²³⁾ ready to move
²⁴⁾ without footrests

²⁵⁾ with footrests
²⁶⁾ without headrest
²⁷⁾ to seat pan without seat cushion:
Height of seat cushion 60 mm
²⁸⁾ measured with 0° seat angle

²⁹⁾ From 100 kg user weight up, adjustment of standing
angle necessary
³⁰⁾ Single/central legrests
³¹⁾ with 350W motors



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