

# TECHNICAL MODEL COMPARISON



	ALPHA XT	ALPHA DUO	ALPHA MONO XT BUSINESS	GAMMA BUSINESS	GAMMA MONO	GAMMA DUO
Article Code	NRG 1002	NRG 1006	NRG 1027	NRG 3027	NRG 3024	NRG 3004
<b>HOUSING</b>						
Housing color	Black					
Front panel color	RAL9005 (Deep black)					
Material	ABS, Aluminium		Plastic		PC, Aluminium (powder coated)	
Mounting type	Wall, optional stand			Stand		
Mounting	Indoor, protected outdoor, no direct sunlight			Indoor, outdoor		
Display (status/error)	RGB-LED					
Number of connections	2	2	1	1	1	2
Number of connections	Typ 2 (according to IEC 62196-2)					
Connection cable	integrated					
Cable length	5,5 m (7.5 m optionally available)			5,5 m (7.5 m optionally available)		
Degree of protection	IP 65 (Box)		IP 54			IP 66
IK protection	IK08					
Protection class	1					
Connection options	Terminal block up to 16 mm <sup>2</sup>		Terminal block up to 10 mm <sup>2</sup>			
Introduction Connections	M25 for cable (ø 11-20 mm), optional M35			M25 for cable (ø 11-20 mm), PG16, M20 (ø 6-13 mm)		
Maximum protection	35 A	20 A	16 A		20 A	
Housing lock	Socket wrench	Triangular socket wrench		none		
Dimensions without coupling (mm)	300 x 425 x 180 (W/H/D)	300 x 425 x 181 (W/H/D)		1002 x Ø200		
Dimensions with coupling (mm)	300 x 425 x 380 (W/H/D)	300 x 425 x 364 (W/H/D)		1002 x 218 x 285		
Weight	11 kg	7 kg	8 kg		12 kg	
<b>ELECTRICAL DATA</b>						
Number of usable phases	3					
Residual current protection	AC/DC: RCD 30/6 mA			DC: 6 mA		
Load management	internal and external		internal	internal and external		internal
Charging mode	Mode 3					
Mains voltage	230 V or 400 V @ 50 Hz					
Total connected load max.				26 W / 2060 lm		
Power per output max.	7,4 kW @ 1-phase 22 kW @ 3-phase	3,7 kW @ 1-phase 13,8 kW @ 3-phase	3,7kW @ 1-phase 11 kW @ 3-phase	3,7 kW @ 1-phase 11 kW @ 3-phase	4,6 kW @ 1-phase 13,8 kW @ 3-phase	
Power per output max.	3,7 kW @ 1-phase, 11 kW @ 3-phase					
Adjustable internal current consumption in [A]	10, 13, 16, 20, 24, 32	6,8 kW @ 3-phase for use on both sides 10, 13, 16, 20,		10, 13, 16	6,8 kW @ 3-phase for use on both sides	10, 13, 16 20
Temperature monitoring	integrated					
Authorization charging process (RFID)	integrated					
<b>ENVIRONMENTAL PARAMETERS</b>						
Temperature range without solar radiation	< 11 kW: -20 to +40°C > 11 kW: -20 to +35°C	-25°C to +35°C		-20°C to +35°C		
Relative humidity	max. 95 % (non-condensing)					
Maximum mounting height	2000 m above sea level					
Warranty	3 years					
<b>MOUNTING OPTIONS</b>						
Wall mount	integrated					
Wall cable holder	Accessories					
Color: RAL9005 (deep black) Dimensions: 357 x 1434 x 364 mm (WxHxD) Weight: 6,5 kg	Accessories					
Roof Color: RAL9005 (deep black) Dimensions: 357 x 506 x 197 mm (WxHxD) Weight: 2,8 kg	Accessories					
<b>COMMUNICATION</b>						
Digital interface	RS485, Modbus RTU		ModbusTCP		RS485, Modbus RTU	
RFID module	integrated as standard					
RFID cards	incl. 2 RFID cards					

DATA-SHEETS:



Subject to errors, price changes and technical developments. NRG240229ENP

## ADVICE, INSPIRATION AND DEVELOPMENT FOR YOUR PROJECT:

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## MORE ON TOPIC:

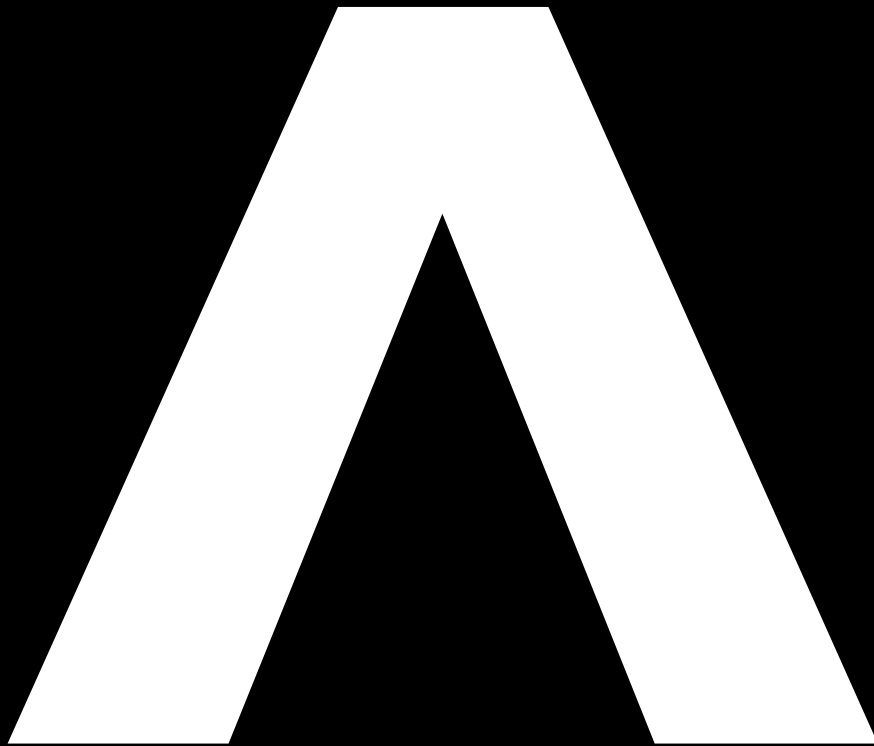
All information about ALPHA wallboxes and GAMMA bollard charging

- V-PORT - Discover the solar carport
- Technology & Installation of ALPHA and GAMMA



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# HOW MUCH EXPERTISE IS REQUIRED BY YOUR NEW CHARGING INFRASTRUCTURE

PRACHT specializes in the installation of charging infrastructure for both private and semi-public areas. PRACHT offers solutions for both individual applications and complete parking lot solutions.

The required charging capacity -with a type 2 plug and 5.5m cable- depends on the available time for charging and the number of accessible charging points. PRACHT ALPHA wallboxes offer the solution: From a billing capability for e.g. company cars to charging up to 2 cars simultaneously at the same time and especially simple and reliable handling in your daily life.



## ALPHA MONO XT BUSINESS

- Suitable as a "business box" company car
- Current measurement compliant with calibration law
- Charging with up to 1 x 11 kW
- Cost-effective single charger
- Time-user-related consumption data recording

Order-No. NRG 1027  
\*plus VAT.



## ALPHA DUO

- Suitable as a destination charger with dwell time
- Ideal solution with limited connected load
- Affordable price for 2 charging points with only 1 supply line at affordable cost
- Charging either with up to 1 x 11 kW or up to 2 x 6.9 kW

Order-No. NRG1006  
\*plus VAT.



## ALPHA XT

- The smart dual charger with charge management
- Charging with up to 2 x 11kW
- For 2 charging points with only 1 supply line
- Integration of different charging concepts

Order-No. NRG1002  
\*plus VAT.



ALPHA ZUM  
DOWNLOAD



# CURIOUS FOR MORE?

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# PRACHT®

Light output:  
26W / 2060lm  
Color temperature:  
3000K



## GAMMA BUSINESS

- Calibration-compliant current measurement
- Charging with up to 1 x 11 kW
- Targeted downwards emitted light distribution
- Suitable for squares, parking lots and paths
- Bollard luminaire with integrated charging solution
- Time-user-related consumption data recording

Order-No.: NRG3027  
\*plus VAT., per piece



## GAMMA DUO

- 2 charging points with only 1 supply line at affordable cost
- Charging either with up to 1 x 11 kW or up to 2 x 6.9 kW
- Low glare and flicker-free
- Targeted downwards emitted light distribution
- Bollard luminaire with integrated charging solution
- DIP-Switch to adjust luminous flux in different levels

Order-No.: NRG3004  
\*plus VAT., per piece



## GAMMA MONO

- Low glare and flicker-free
- Excellent parking lot lighting
- DIP-Switch to adjust luminous flux in different levels
- Dark sky: no light pollution
- Targeted downwards emitted light distribution

Order-No.: NRG3024  
\*plus VAT., per piece



### MORE AT PRACHTENERGY.COM

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MORE ABOUT  
GAMMA

