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Power Range – Active tags

FEATURED COMPARISON GUIDE

		Power 60/65	Power 100/115	Power 400/415
				
Product Name				
Typical Applications		Oil & Gas platforms Construction sites Manufacturing facilities Personnel management	IT Data centers Manufacturing facilities Warehouse management	**Manufacturing:** Mobile carts, containers and trolleys **Logistics:** Lay down yards, vehicles and docks **Construction:** Staging and materials tagging
RF Specifications	Data Communication	Active 433.92	Active 433.92	Active 433.92 Passive 860 – 930
	Typical Active Read Range (m)[1]	Up to 100m	Up to 150m	Up to 400m
	Battery Life[2]	Up to 5 years	Up to 5 years	Up to 5 years
	Protocol	Power 60 - Omni-ID Proprietary Power 65 - IEEE 802.15.4f	Power 100 - Omni-ID Proprietary Power 115 - IEEE 802.15.4f	Power 400 - Omni-ID Proprietary Power 415 - IEEE 802.15.4f
Physical and Environmental Specifications	Construction	Glass-filled Polycarbonate	Black PCB / ABS blend	Polycarbonate Interior with overmolded TPE
	Size (mm)	95.5 × 63.9 × 10.0	58.5 × 34.8 × 14.0	120 × 36.0 × 30.0
	Weight (g)	53.0	29.0	92.0
	Operating Temperature	-20°C to +45°C	0°C to +40°C	-40°C to +60°C
	IP Rating	IP65	IP65	IP68 Nema PW12 (High pressure liquids immersion)
	Shock and Vibration	Shock: 20 G's/9ms Vibration: Sinusoidal 3G 50-500 Hz, Random 4G 50-500 Hz 4' drop to concrete	Shock: 20 G's/9ms Vibration: Sinusoidal 3G 50-500 Hz, Random 4G 50-500 Hz 4' drop to concrete	4' drop to concrete MIL STD 810-G
	Attachment	Lanyard/clip slots for horizontal or vertical mounting Clips for ID badge attachment included	Vertical or horizontal mounting via adhesives screw or clip	Screw attachment –(2) #8 screws 5mm (0.2") Cable tie slots each end
	Order Codes[†]	OMNI-P60 - Omni-ID proprietary protocol OMNI-P65 - IEEE 802.15.4f protocol	OMNI-P100 - Omni-ID proprietary protocol OMNI-P115 - IEEE 802.15.4f protocol	OMNI-P400 - Omni-ID proprietary protocol OMNI-P415 - IEEE 802.15.4f protocol OMNI-P400-X, OMNI-P415-X (ATEX/IECEx Certification)

[1] Read Distance can vary based on site characteristics, base station antenna type, height distance and tag configuration.
[2] Actual battery life could be greater depending on confiruration and use.
[†]Order Option Codes are listed on the datasheets.

Values for Comparison only, please refer to Product Datasheets for full specifications.