



Type	18921 101 111	Features (Technical).....
Designation	Night Cutter Pro F30R	Super bright CREE cool white LED
Input	DC 5V/500-2400mA	MCU control multiple functions push switch:
Battery required	1x 18650 battery (Li-ion 3.6V 2600mAh 9.36Wh)	- Short press: Low/Mid/High/Off
LED	1x CREE XHP50.3 cool white LED, CCT 6500K	- Double press: Strobe
Luminous intensity	Lumen Turbo 1500 lm High 700 lm Mid 350 lm Low 50 lm Strobe 300 lm Intensity Turbo 19600 cd High 12100 cd Mid 5625 cd Low 756.25 cd Strobe 4900 cd	- Long press 3 s to check battery capacity at Off mode
		- Long press 3 s (Low/Mid/High/Strobe)-> Turbo -> Drop to Mid mode
		- Turbo 3 times (if each turbo within 1 min)-> Disable 1 min
		4 s memory wipe
		- No brightness and mode memory function after 4 s
		- Resets next press to off if any mode longer than 4 s
		- Always start in low mode when light on
Run Time	High 5.5 h Mid 6.5 h Low 24 h Strobe 3.5 h	Battery Indication, 4 statuses: (Long press 3 s at Off mode)
Battery Charging Time	<= 3 h (5V, 2.4A) (* Charge time will be affected if under low temperature)	0%-25% Red blink 4 times (3.0V-3.45V)
		25%-50% Red solid 3s (3.45V-3.70V)
		50%-75% Blue blink 4 times (3.70V-3.95V)
		75%-100% Blue solid 3s (3.95V-4.2V)
		User display status charging:
		Charging: Blue breathing
		Fully Charged: Blue constant on
		Low Battery indication: Red blinking when battery capacity <=10% (Discharging status)
		Twist head to focus beam (Spot to flood or flood to spot)
		Broad and consistent flood beam with ultra view area
		Simultaneous Charge/Light: When charging the battery, light level gets dimmed (within the temperature limits)

No publication or circulation of data to third parties without consent of VARTA Consumer Batteries

Range	Turbo 280 m High 220 m Mid 150 m Low 55 m Strobe 140 m (calculated distance at maximum luminous intensity with an illuminance of 0.25 lux)	Safety Features: <i>NTC temperature protection</i> <i>Charging circuit with protection for over-charged, over-discharged & short circuit protection</i> <i>Discharging to LED system shall stop when battery has reached the 3.0 V threshold</i>
Material	PC (Polycarbonate) ABS Silicone Aluminum (All contact parts made of bronze or nickel-plated steel)	Type II anodized Eye Risk group II 2 m Drop Test IP67 Dust & Waterproof 10,000 Switch cycle life 10,000 USB Type C Plug Insertion Life Test
Weight	260.6 g (with battery)	Push-Lock via end cap with SoC LED indication and charging port
Dimensions		Charge every six months Passed extreme temperature shock test
A (Head Diameter)	42 mm	
B (Endcap Diameter)	35.4 mm	
C (Length)	169 mm	

No publication or circulation of data to third parties without consent of VARTA Consumer Batteries