

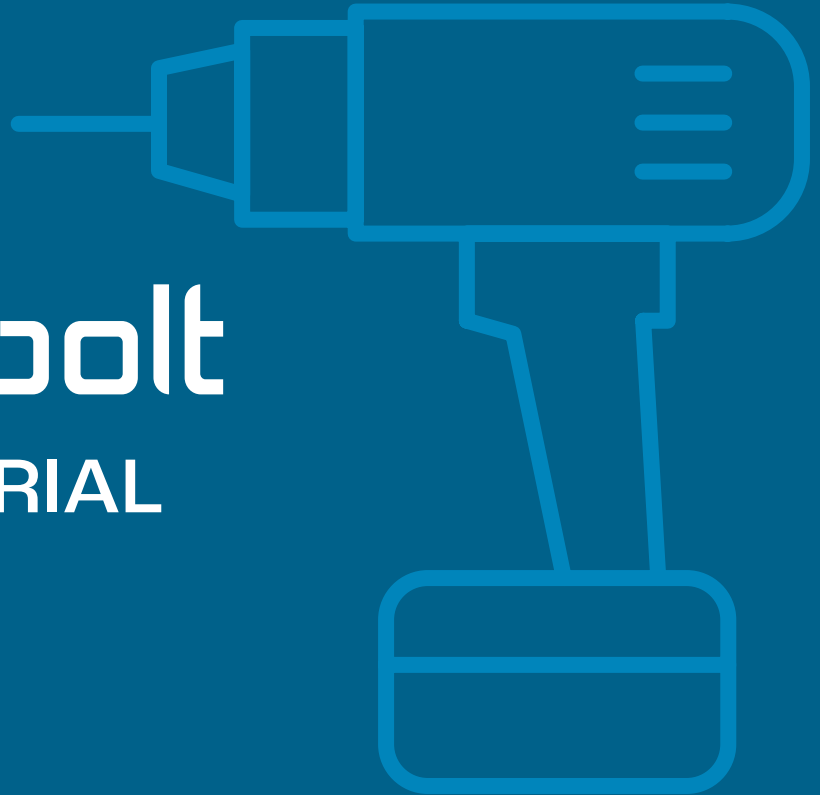
PRODUCT SHEET 1.3 | JUNE 2024



nyobolt

INDUSTRIAL

Power Tool



The Nyobolt high performance power tool pack has been designed for demanding household and professional applications which require both fast charging and high power delivery capabilities with minimum downtime. It can be supplied with the Nyobolt high power density 650W charger as a kit to provide a complete ultra-fast charging solution for portable applications.



Key Features

- Novel thermal design to enable multiple consecutive high rate charge discharge cycles
- Integrated Battery Management System with voltage, temperature, current and short circuit protection
- Passive cell balancing
- UN38.3 compliant



Ultra high-power battery pack for portable tools



18V/2.5Ah



0 to 80% charge in 5 minutes



Charge/Discharge capability - 800W peak 650W continuous

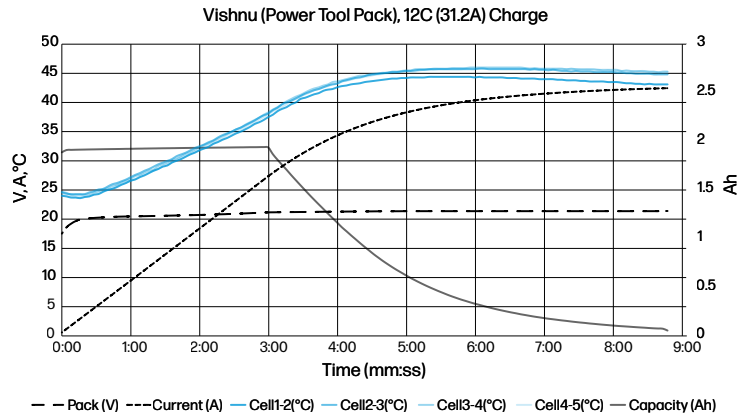


Over 2500 fast charge cycles

Battery Specifications

Cell Configuration	5S1P
Capacity	2.5 Ah
Energy	50 Wh
Chemistry	Nyobolt Ultra
Nominal Voltage	18 V
Max Voltage	21 V
Min Voltage	15 V
Peak power charge / discharge (<60s)	650W
Continuous power charge / discharge	800W
Power density	> 1000 W/kg
Cycle Life	> 2500
Weight (including BMS and PDU)	620g
Dimensions	L125 x W80 x H80 mm
Cooling (charging/discharging)	Forced air/ Passive
Operating Temperature (charging)	10 to +55 °C
Operating Temperature (discharging)	0 to +55 °C
Protection	IP54

Performance Data





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More power in less time

To find out more visit
www.nyobolt.com

Or contact us at
product@nyobolt.com

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