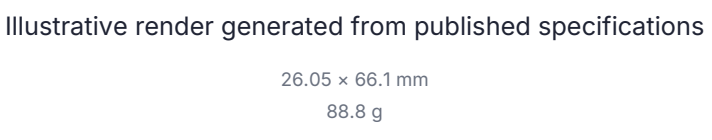

Illustrative render generated from published specifications

26.05 × 66.1 mm
88.8 g

Hohm Tech HOHMGROWN

Hohm Tech · released 2016

26650 NMC

MOOCH-TESTED · 32 A

Live page & updates

4,307 mAh	32 A	3.6 V	15.51 Wh
CAPACITY	MOOCH CONTINUOUS	NOMINAL · 2.5 – 4.2 V	ENERGY · 174.66 WH/KG

REFERENCE ONLY — NOT AN OFFICIAL DOCUMENT

This information is gathered from multiple sources, including manufacturer datasheets, independent third-party testing, and community contributions. Cell specifications vary between production batches and change over time, and no figure here is guaranteed to be correct or current. **Always consult the manufacturer's spec sheet directly.** Use this sheet for reference only — never as the sole basis for a safety-critical decision about charging, discharging, or assembling cells. The cell image is an illustrative render generated from published specifications, not a photograph.

CAPACITY AMONG 26650S — #6 of 15

Lowest in database — Highest

A mid-range 26650 cell. Solid for builds that don't need extreme capacity or discharge.

VOLTAGE OPERATING WINDOW — 1.7 V usable

Cutoff 2.5 V — Nominal 3.6 V — Max 4.2 V

Below nominal the cell sags fast under load; above it, the last of the capacity fills slowly on the constant-voltage taper.

APPLICATION SUITABILITY

Rule-of-thumb ratings from this cell's capacity and continuous discharge. Check your own load before committing.

Powerwalls	High capacity means more stored energy per cell. Fewer cells needed for a given kWh target.
Ebike packs	Good balance of capacity for range and discharge for hills. Works well in most ebike packs.
Car audio	Enough discharge to handle amplifier bursts without voltage sag.
High-drain vaping	Above the 25A Mooch CDR threshold. Suitable for regulated and mechanical mods.
Flashlights	High capacity means long runtime. Great for everyday carry and extended use.
Power tools	Sufficient discharge and capacity for most power tool packs.

IDENTITY

Manufacturer	**Hohm Tech**
Model	**HOHMGROWN**
Format	**26650**
Chemistry	**NMC**
Year released	**2016**
Wrap colour	**Green**
Terminal	**Flat top**
Protection	**Unprotected**

ENERGY & POWER DENSITY

Energy	**15.51 Wh**
Specific energy	**174.66 Wh/kg**
Volumetric density	**440.26 Wh/L**
Power density (mass)	**1,297 W/kg**
Power density (volume)	**3,270 W/L**
Capacity ranking	**#6 of 15 26650s**

PHYSICAL

Diameter	**26.05 mm**
Length	**66.1 mm**
Weight	**88.8 g**

ELECTRICAL

Rated capacity	**4,307 mAh**
Nominal voltage	**3.6 V**
Max charge voltage	**4.2 V**
Discharge cutoff	**2.5 V**
Energy	**15.51 Wh**
Max continuous discharge	**32 A (mooch)**
Discharge C-rate	**7.4C**
Standard charge current	**4,300 mA**
Typical charge time	**1 h**

C-RATE CONVERSION · 4,307 MAH

C-RATE	CURRENT	THEORETICAL RUNTIME
0.2C	0.86 A	5h 00m
0.5C	2.15 A	2h 00m
1C	4.31 A	1h 00m
2C	8.61 A	30m
3C	12.92 A	20m
5C	21.54 A	12m

Highlighted row is closest to the rated 32 A continuous discharge.

CHARGING

RATE	CURRENT	ESTIMATED TIME TO FULL
0.5C	2,154 mA	~2h 00m

1C	4,307 mA	~1h 00m

Constant-current phase only. Real charge time runs longer because of the constant-voltage taper at the end.

SERIES PACK CONFIGURATIONS

Voltages calculated from this cell's own nominal and maximum charge voltage. The 3P columns show one common parallel count as a worked example — scale the parallel group to the capacity you need.

SERIES	NOMINAL	FULLY CHARGED	CELLS AT 3P	CAPACITY	ENERGY
3S	10.8 V	12.6 V	9	12.9 Ah	140 Wh
7S	25.2 V	29.4 V	21	12.9 Ah	326 Wh
10S	36 V	42 V	30	12.9 Ah	465 Wh
13S	46.8 V	54.6 V	39	12.9 Ah	605 Wh
14S	50.4 V	58.8 V	42	12.9 Ah	651 Wh

EXAMPLE PACKS

7S2P

24V ebike / small pack

14 cells · 25.2 V

8,614 mAh · 217 Wh

64 A max · ≈1.24 kg cells

13S4P

48V ebike standard

52 cells · 46.8 V

17,228 mAh · 806 Wh

128 A max · ≈4.62 kg cells

16S4P

DIY powerwall

64 cells · 57.6 V

17,228 mAh · 992 Wh

128 A max · ≈5.68 kg cells

4S6P

Power tool replacement

24 cells · 14.4 V

25,842 mAh · 372 Wh

192 A max · ≈2.13 kg cells

SIMILAR CELLS

Same format and chemistry, within ±500 mAh.

CELL	MAH	CONTINUOUS	WH	WEIGHT	WH/KG
Hohm Tech HOHMGROWN (this cell)	**4,307**	**32 A**	**15.51**	**88.8 g**	**175**
Vapcell 26650 4200mAh 32A	4,200	32 A	15.1	95 g	159

HANDLING & SAFETY

- Never charge above 4.2V or discharge below 2.5V.
- Store cells at around 3.6-3.8V (roughly 40-60% charge) for long-term storage.
- Don't mix cells with different capacities, chemistries, or states of charge in a pack.
- Inspect wraps before use. A torn wrap can cause a short circuit.
- Always use a BMS or balance charger appropriate for your pack configuration.
- Keep cells away from metal objects, keys, and coins. A short across the terminals can cause fire.

SOURCES & FURTHER READING

Cell Saviors page	cellsaviors.com/cell-database/hohm-tech-hohmgrown
Independent test (Mooch)	https://www.e-cigarette-forum.com/threads/hohm-tech-hohmgrown-...
Full cell database	cellsaviors.com/cell-database