Illustrative render generated from published specifications

46 g

Golisi S26

Golisi · released 2017

18650 LMO

MOOCH-TESTED · 25 A

Live page & updates

2,600 mAh	25 A	3.6 V	9.36 Wh
CAPACITY	MOOCH CONTINUOUS	NOMINAL · 2.5 – 4.2 V	ENERGY · 203.48 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 18650S — #96 of 279

Lowest in database — Highest

Higher discharge than 84% of 18650 cells in our database. Great for high-drain builds.

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	Decent runtime. Works well for most flashlights.
Power tools	Sufficient discharge and capacity for most power tool packs.

IDENTITY

Manufacturer	**Golisi**
Model	**S26**
Format	**18650**
Chemistry	**LMO**
Year released	**2017**
Wrap colour	**Black**
Terminal	**Flat top**
Protection	**Unprotected**

OPERATING TEMPERATURE

Charging	**0°C to 45°C**
Discharging	**-20°C to 60°C**

ENERGY & POWER DENSITY

Energy	**9.36 Wh**
Specific energy	**203.48 Wh/kg**
Power density (mass)	**1,957 W/kg**
Capacity ranking	**#96 of 279 18650s**

PHYSICAL

Weight	**46 g**

ELECTRICAL

Rated capacity	**2,600 mAh**
Nominal voltage	**3.6 V**
Max charge voltage	**4.2 V**
Discharge cutoff	**2.5 V**
Energy	**9.36 Wh**
Internal resistance	**19 mΩ**
Max continuous discharge	**25 A (mooch)**
Discharge C-rate	**9.6C**
Standard charge current	**2,000 mA**
Typical charge time	**1.3 h**
Cycle life	**800 cycles**

C-RATE CONVERSION · 2,600 MAH

C-RATE	CURRENT	THEORETICAL RUNTIME
0.2C	0.52 A	5h 00m
0.5C	1.3 A	2h 00m
1C	2.6 A	1h 00m
2C	5.2 A	30m
3C	7.8 A	20m
5C	13 A	12m
8C	20.8 A	7m 30s
10C	**26 A**	**6m**

Highlighted row is closest to the rated 25 A continuous discharge.

CHARGING

RATE	CURRENT	ESTIMATED TIME TO FULL
0.5C	1,300 mA	~2h 00m
Standard	2,000 mA	~1h 18m
1C	2,600 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	7.8 Ah	84 Wh
7S	25.2 V	29.4 V	21	7.8 Ah	197 Wh
10S	36 V	42 V	30	7.8 Ah	281 Wh
13S	46.8 V	54.6 V	39	7.8 Ah	365 Wh
14S	50.4 V	58.8 V	42	7.8 Ah	393 Wh

EXAMPLE PACKS

7S2P
24V ebike / small pack

14 cells · 25.2 V

5,200 mAh · 131 Wh

50 A max · ≈0.64 kg cells

13S4P
48V ebike standard

52 cells · 46.8 V

10,400 mAh · 487 Wh

100 A max · ≈2.39 kg cells

16S4P
DIY powerwall

64 cells · 57.6 V

10,400 mAh · 599 Wh

100 A max · ≈2.94 kg cells

4S6P
Power tool replacement

24 cells · 14.4 V

15,600 mAh · 225 Wh

150 A max · ≈1.1 kg cells

SIMILAR CELLS

Same format and chemistry, within ±500 mAh.

CELL	MAH	CONTINUOUS	WH	WEIGHT	WH/KG
Golisi S26 (this cell)	**2,600**	**25 A**	**9.36**	**46 g**	**203**
Efest EFEST 35A 2900mAh	2,900	35 A	10.4	—	—
Efest 18650 2800mAh 35A	2,800	35 A	10.1	46 g	219
AWT 40A 2600mAh	2,600	40 A	9.4	60 g	156
AWT YELLOW 40A 2600mAh	2,600	40 A	9.4	60 g	156
Xtar XTVTC4	2,200	25 A	7.9	—	—

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/golisi-s26
Independent test (Mooch)	https://www.e-cigarette-forum.com/threads/bench-test-results-g...
Full cell database	cellsaviors.com/cell-database