

Illustrative render generated from published specifications

26 × 65 mm

Golisi 26650

4300mAh 35A



Live page & updates

Golisi · released 2017

- 26650
- LMO
- MOOCH-TESTED · 35 A

4,300 mAh CAPACITY	35 A MOOCH CONTINUOUS	3.6 V NOMINAL · 2.75 – 4.2 V	15.48 Wh ENERGY
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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 #7 of 15 Lowest in databaseHighest A mid-range 26650 cell. Solid for builds that don't need extreme capacity or discharge.	VOLTAGE OPERATING WINDOW 1.45 V usable Cutoff 2.75 VNominal 3.6 VMax 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.
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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		PHYSICAL		
Manufacturer	Golisi	Diameter	26 mm	
Model	26650 4300mAh 35A	Length	65 mm	
Format	26650	ELECTRICAL		
Chemistry	LMO			
Year released	2017			
Wrap colour	 Gold			
Terminal	Flat top			
Protection	Unprotected			
OPERATING TEMPERATURE		Rated capacity		4,300 mAh
Charging	0°C to 45°C	Nominal voltage		3.6 V
Discharging	-20°C to 60°C	Max charge voltage		4.2 V
ENERGY & POWER DENSITY		Discharge cutoff		2.75 V
		Energy		15.48 Wh
		Internal resistance		30 mΩ
		Max continuous discharge		35 A (mooch)
		Discharge C-rate		8.1C
		Standard charge current		2,000 mA
Energy	15.48 Wh	Typical charge time		2.2 h
Volumetric density	448.56 Wh/L	Cycle life		500 cycles
Power density (volume)	3,651 W/L			
Capacity ranking	#7 of 15 26650s			

C-RATE CONVERSION · 4,300 MAH

C-RATE	CURRENT	THEORETICAL RUNTIME
0.2C	0.86 A	5h 00m
0.5C	2.15 A	2h 00m
1C	4.3 A	1h 00m
2C	8.6 A	30m
3C	12.9 A	20m
5C	21.5 A	12m
8C	34.4 A	7m 30s

Highlighted row is closest to the rated 35 A continuous discharge.

CHARGING

RATE	CURRENT	ESTIMATED TIME TO FULL
Standard	2,000 mA	~2h 09m
0.5C	2,150 mA	~2h 00m
1C	4,300 mA	~1h 00m

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

SERIES PACK CONFIGURATIONS

Voltagess 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	139 Wh
7S	25.2 V	29.4 V	21	12.9 Ah	325 Wh
10S	36 V	42 V	30	12.9 Ah	464 Wh
13S	46.8 V	54.6 V	39	12.9 Ah	604 Wh
14S	50.4 V	58.8 V	42	12.9 Ah	650 Wh

EXAMPLE PACKS

7S2P 24V ebike / small pack 14 cells · 25.2 V 8,600 mAh · 217 Wh 70 A max	13S4P 48V ebike standard 52 cells · 46.8 V 17,200 mAh · 805 Wh 140 A max	16S4P DIY powerwall 64 cells · 57.6 V 17,200 mAh · 991 Wh 140 A max	4S6P Power tool replacement 24 cells · 14.4 V 25,800 mAh · 372 Wh 210 A max
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SIMILAR CELLS

Same format and chemistry, within ±500 mAh.

CELL	MAH	CONTINUOUS	WH	WEIGHT	WH/KG
Golisi 26650 4300mAh 35A (this cell)	4,300	35 A	15.48	—	—
AWT 26650 75A 4500mAh	4,500	75 A	16.2	—	—
Keeppower BLACK 30A 4200mAh	4,200	30 A	15.1	95 g	159

HANDLING & SAFETY

- Never charge above 4.2V or discharge below 2.75V.
- 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-26650-4300mah-35a
Independent test (Mooch)	https://www.e-cigarette-forum.com/threads/bench-test-results-g...
Full cell database	cellsaviors.com/cell-database