

Samsung 1500mAh, 25A, 3.7V, (INR18650-15R)

The Samsung 15R is a popular lithium-ion cell. It is intended for use in high current 18650 battery packs. It can power a wide range of devices including power tools like an electric sprayer, or a life-support system.

Samsung 18650 batteries are highly regarded for performance and safety.

The 15R ships from Korea or Hong Kong to anywhere in the world. Our facility in Dongguan, China provides additional services such as cell assembly into battery packs, testing, or the addition of nickel tabbing, wiring, or other accessories.

This product is protected by warranty covering authenticity, performance, age, and defects.

SAMSUNG 15R SPECIFICATIONS TABLE

BASIC	Brand	Samsung
	Model name(s)	INR18650-15R
	Manufacturer full	삼성 SDI (Samsung SDI)
	Country of Manufacture	South Korea
SIZE	Weight	49.50 g
	Diameter, max.	18.40 mm
	Height, max.	65.30 mm
VOLTAGE	Voltage, charge max.	4.20 V
	Voltage, nominal	3.70 V
	Voltage, discharge end	2.50 V
CAPACITY	Capacity, max.	1500.00 mAh
	Constant charge current, max.	2.20 A
	Charge constant standard	1.2 A
	Max. continuous discharge current	25.00 A
CURRENT	Peak discharge theoretic, 4 sec	43.75 A
	C-rate (charge, max.)	1.47 C
	C-rate (discharge, max.)	16.67 C
	Watts (charge, max.)	8.14 W
POWER	Watts (discharge, max.)	92.5 W
	Energy, max.	5.55 Wh
	Density volumetric theoretic	320 Wh/L
ENERGY	Density gravimetric theoretic	112.00 Wh/kg
	E-rate (charge, max.)	1.47 E
	E-rate (discharge, max.)	16.67 E
	Chemical abbreviation	NCA
CHEMISTRY	Cathode	LiNiCoAl
	Anode	carbon
TIME	Standard charge	2 hours
	Rapid charge	1 hours
	Temp charge, min	0.00 °C
TEMPERATURE	Temp charge, max	45.00 °C
	Temp discharge, min	-20.00 °C
	Temp discharge, max	60.00 °C
ADDITIONAL	Internal impedance	70 mΩ