

LG DAS41865, ICR18650S4

LG S4 SPECIFICATIONS TABLE

BASIC	Brand	LG
	Model name(s)	ICR18650S4
	Manufacturer full	LG 화학 (LG Chemical)
	Country of Manufacture	South Korea
SIZE	UL number	MH19896
	Weight	47.00 g
	Diameter, max.	18.29 mm
	Height, max.	65.00 mm
VOLTAGE	Voltage, charge max.	4.20 V
	Voltage, nominal	3.75 V
	Voltage, discharge end	3.00 V
CAPACITY	Capacity, max.	2200.00 mAh
	Constant charge current, max.	2.15 A
	Charge constant standard	1.05 A
	Discharge standard	420 mA
CURRENT	Max. continuous discharge current	4.20 A
	Peak discharge theoretic, 4 sec	7.35 A
	C-rate (charge, max.)	0.98 C
	C-rate (discharge, max.)	1.91 C
POWER	Watts (charge, max.)	8.0625 W
	Watts (discharge, max.)	15.75 W
	Energy, max.	8.25 Wh
	Density volumetric theoretic	483 Wh/L
ENERGY	Density gravimetric theoretic	176.00 Wh/kg
	E-rate (charge, max.)	0.98 E
	E-rate (discharge, max.)	1.91 E
	Chemical abbreviation	NMC
CHEMISTRY	Cathode	LiNiMnCoO2
	Anode	carbon
	Storage (less than 1 month)	-20 – 60 °C
	Storage (less than 3 month)	-20 – 45 °C
TEMPERATURE	Storage (less than 1 year)	-20 – 20 °C
	Temp charge, min	0.00 °C
	Temp charge, max	45.00 °C
	Temp discharge, min	-20.00 °C
	Temp discharge, max	60.00 °C

<https://voltageplex.com/lg-s4-18650-battery-icr18650s4>