

Samsung 1300mAh, 18A, 3.6V, (INR18650-13P)



SAMSUNG 13P SPECIFICATIONS TABLE

BASIC	Brand	Samsung
	Model name(s)	INR18650-13P
	Manufacturer full	삼성 SDI (Samsung SDI)
	Country of Manufacture	South Korea
SIZE	Weight	42.00 g
	Diameter, max.	18.40 mm
	Height, max.	65.00 mm
VOLTAGE	Voltage, charge max.	4.20 V
	Voltage, nominal	3.60 V
	Voltage, discharge end	2.50 V
CAPACITY	Capacity, max.	1300.00 mAh
	Charge constant standard	1.3 A
CURRENT	Max. continuous discharge current	18.00 A
	Peak discharge theoretic, 4 sec	31.5 A
	C-rate (discharge, max.)	13.85 C
POWER	Watts (discharge, max.)	64.8 W
	Energy, max.	4.68 Wh
ENERGY	Density volumetric theoretic	271 Wh/L
	Density gravimetric theoretic	111.00 Wh/kg
	E-rate (discharge, max.)	13.85 E
CHEMISTRY	Chemical abbreviation	NCA
	Cathode	LiNiCoAl
TIME	Standard charge	2.5 hours
	Rapid charge	1 hours
TEMPERATURE	Temp charge, min	0.00 °C
	Temp charge, max	45.00 °C
	Temp discharge, min	-20.00 °C
	Temp discharge, max	60.00 °C