



PRODUCT SPECIFICATION SUMMARY

3.8V 1100mAh 20C LiPo Cell

New Journey is a supplier of the 3.8V 1100mAh LiPo cell for small pack assemblies. At about 20g, the cell provides 4.18Wh within a maximum 53 x 26 x 8.5mm outline. Flat tabs leave the joining layout to your design, while the 4.35V normal charge target defines the required HV charging profile.

Compiled from the product page for initial selection. This is not a signed factory specification or a test report. Reference configurations are for selection; final supply follows the approved order configuration.

Specification for Configuration Review

Parameter	Specification / qualification
Source model	JS802550
Product form	Pouch cell
Nominal voltage	3.8V
Rated capacity	1100mAh typical; 1030mAh minimum in basic table
Nominal energy	4.18Wh (calculated from nominal voltage and rated capacity)
Normal / absolute charge ceiling	4.35V / 4.38V; absolute limit is not a charge target
Discharge cut-off	3.0V
Standard / maximum charge	0.55A / 1.1A
Maximum discharge	22A (20C), cell specification
Maximum body size	53 x 26 x 8.5mm (L x W x T)
Tabs	6 ± 0.1mm width; 10 ± 2mm length; 12 ± 2mm center spacing
Reference mass	20g
AC impedance	≤15mΩ at 1kHz

Configuration and rating notes

This 1100mAh LiHV cell specifies 4.35V normal charging and 3.0V discharge cut-off. A standard 4.2V cell profile is a different operating choice; the final device needs an approved charger setting. The separate 4.38V absolute maximum is not a routine target.