

Classic, Classic Lite & Classic SL Comparison Chart - www.midnitesolar.com

	CLASSIC 150, 200, 250	CLASSIC LITE 150, 200, 250	CLASSIC SL 150, 200, 250
Input Voltage	150, 200, 250	150, 200, 250	150, 200, 250
Max Output Current	CI 150 = 96A - 12V batt 94A - 24V batt 86A - 48V batt CI 200 = 79A - 12V batt 78A - 24V batt 78A - 48V batt 65A - 72V batt CI 250 = 61A - 12V batt 62A - 24V batt 55A - 48V batt 43A - 72V batt	Lite 150 = 96A - 12V batt 94A - 24V batt 86A - 48V batt Lite 200 = 79A - 12V batt 78A - 24V batt 78A - 48V batt 65A - 72V batt Lite 250 = 61A - 12V batt 62A - 24V batt 55A - 48V batt 43A - 72V batt	SL150 = 96A - 12V batt 94A - 24V batt 86A - 48V batt SL 200 = 79A - 12V batt 78A - 24V batt 78A - 48V batt 65A - 72V batt SL 250 = 61A - 12V batt 62A - 24V batt 55A - 48V batt 43A - 72V batt
Max VOC* (Based on 12, 24, 48V battery systems and applied HyperVOC.. See below.)	CI 150 = 162, 174, 198 CI 200 = 212, 224, 248 CI 250 = 262, 274, 298	Lite 150 = 162, 174, 198 Lite 200 = 212, 224, 248 Lite 250 = 262, 274, 298	SL 150 = 162, 174, 198 SL 200 = 212, 224, 248 SL 250 = 262, 274, 298
Battery Voltages	12, 24, 72	12, 24, 72	12, 24, 72
Aux Output	2	2	2
Aux Input	1	1	1
HyperVOC Extended VOC Limit**	●	●	●
Solar	●	●	●
Wind	●	●	●
Hydro	●	●	●
Ground Fault	●	●	●
Arc Fault	●	●	●
Graphical Display	●	●	●
Dip Switch Programing	●	●	●
Works with Whizbang Jr.	●	●	●
Free User Upgradable Firmware	●	●	Consult Factory
My MidNite & Local App	●	●	●
Multiple Display Support	●	●	●
Internet Ready	●	●	●
Communications	RS232, Ethernet, ModBus	RS232, Ethernet, ModBus	RS232, ModBus
Warranty (Years)	5	5	5

*Operating Voltage + HyperVOC (battery voltage from 12 to 48V) = Max VOC Example: VOC 150 + 12V batt = Max VOC 162

**HyperVOC: A non-operative VOC safety zone over and above the maximum input voltage for cold climates. For more information on HyperVOC go to: <http://www.midnitesolar.com/pdfs/whyHyperVOC.pdf>

***MidNite's Classic String Sizing Tool - <http://www.midnitesolar.com/sizingTool/displaySizing.php>

