

MIDNITE SOLAR'S STANDARD CLASSIC AND CLASSIC LITE COMPARISON CHART - July 19, 2012

	Standard Classic				Classic Lite				
Model	150	200	250	250KS	150	200	250	250KS	
Rated Amps	80-96	65-74	55-60	35-56	80-96	65-74	55-60	35-56	
Max Operating Voltage	150	200	250	250	150	200	250	250	
Max VOC ¹	198	248	298	298	198	248	298	298	
Max Battery Voltage	72	72	72	120	72	72	72	120	
Solar	●	●	●	●	●	●	●	●	
Wind	●	●	●	●	●	●	●	●	NOTE ⁴
Hydro	●	●	●	●	●	●	●	●	
List Price	\$850	\$850	\$950	\$950	\$700	\$700	\$800	\$800	
Cost Per Watt - 48 Nominal Battery V	\$0.19	\$0.22	\$0.30		\$0.16	\$0.18	\$0.25		
Cost Per Watt - 120 Nominal Battery V				\$0.19				\$0.16	
Digital Display	●	●	●	●					
Internet and Ethernet Ready ²	●	●	●	●	●	●	●	●	
Ground Fault Detector	●	●	●	●	●	●	●	●	
Arc Fault Detector	●	●	●	●					
Graphical Display	●	●	●	●					
Free User Upgradable Firmware	●	●	●	●	●	●	●	●	
MNGP Multiple Display Support ³	●	●	●	●	●	●	●	●	
Aux Output	2	2	2	2	2	2	2	2	
Five Year Warranty	●	●	●	●	●	●	●	●	
Oscilloscope Display	●	●	●	●					
DIP Switches For Programming					●	●	●	●	
Substantially Made In USA	●	●	●	●	●	●	●	●	
Partial Shading Indicator ²	●	●	●	●	●	●	●	●	NOTE ²
Bonus Amps Based On Voltage	●	●	●	●	●	●	●	●	
ModBus Communications	●	●	●	●	●	●	●	●	
HyperVOC Extended VOC Limit	●	●	●	●	●	●	●	●	
Free PC & Internet Software	●	●	●	●	●	●	●	●	
380 Days Data Logging ²	●	●	●	●	●	●	●	●	
8 Built In Data Logging Params	●	●	●	●					
11 Software Data Logging Params ²	●	●	●	●	●	●	●	●	
Graphing Capabilities ²	●	●	●	●	●	●	●	●	

¹ This number is based on the max operating voltage (MOV) of the unit plus nominal battery voltage (NBV) up to 48v. The difference between MOV and NBV + MOV is the HyperVOC Extended VOC range.

² With PC and provided software.

³ The Classic MNGP display and/or a secondary display can monitor many controllers. The MNGP display can be removed from the Classic and used remotely.

⁴ Available Sept. 2012 for the Lite with provided software.