Features unique only to the MidNite Classic:

1. 150, 200 and 250VDC input
2. HyperVOC mode (add the battery voltage to the operating voltage for VOC rating)
3. Solar, Wind and Hydro MPPT modes
4. Get 50-250% more power from hydro's and wind turbines
5. Learning mode for Solar, Wind and Hydro
6. User programmable for most all battery charging wind turbines (may require the Clipper)
7. Built in String sizing program
8. Suggested PV combiner and breaker model numbers depending on configuration selected
9. Suggested wire size in AWG and Metric
10. Built in Battery capacity sizing program
11. Built in voltage drop calculator for PV wiring in AWG and Metric
12. Knows when sun up and sundown are to take place anywhere in the world
13. Ethernet jack calls out to the MidNite Server for free and secure data monitoring and logging
14. Industry standard ModBus open architecture
15. Can hook up wirelessly via Wi-Fi bridge to communicate to an in house Wi-Fi router
16. Snow melting mode automatic or manual local or over the internet
17. Arc fault detector reduces threat of fire
18. Built in DC-GFP without the hassle of fuses
19. Graphics display panel can be removed and relocated (Dummy filler display available)
20. USB port for uploading firmware updates and data logging to a PC or Mac
21. Graphics display turns into an oscilloscope
22. Battery voltage supported up to 72 for the Classic150, 200 and 250. 120 volts for Classic250KS
23. Works with the MidNite Clipper for over-speed control of wind turbines (2011)
24. Two aux outputs: 1 dry contact relay and one 12v output/ input (anemometer or?)
25. Voice prompts and help screens in English, Spanish and French (2011)
26. 32 megabytes of onboard storage
27. Parallel operation to make one large controller out of many regular Classics (2011)
28. Snap on covers and hole plugs allow sealed or vented operation
29. Buck or Boost DC to DC converter operation available in (2011)

Specifications:

Model	Classic150	Classic200	Classic 250	Classic250KS
Operating volts in	150VDC	200VDC	250VDC	250VDC
Max HyperVOC	150+battery	200+battery	250+battery	250+batteryV
Bat charge V	12-93	12-93	12-93	12-150
Max current out	96 amps	79 amps	63 amps	40 amps
Environment	--	-40 – 40C	--	
Dimensions of Classic	-----------------14.87" x 5.95" x 4.00"	378mm x 151mm x 102mm --------------------		
Dimensions boxed	----------------------19.0" x 8.5" x 5.7"	483mm x 216mm x 145mm ------------------------		
Weight boxed	--------------------------?????--------------------	???kg--		