

Solar Series

Solar Series Valve-regulated Lead Acid battery use particular alloy and material technology design to ensure a excellent performance in various environments. Maximus 105 series batteries is optimal for storage and conversion of photovoltaic and wind energy.

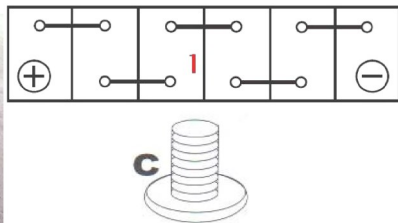
Application

- Photovoltaic system
- Alternative Energy Systems
- Electricity Utility
- Outdoor Control Equipment
- Cold Cracking Applications
- Deep cycling applications



General Features

- Sealed & Maintenance free operation, No Spill design.
- ABS containers and covers
- Safety valve installation
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic



Battery Model	Maximus 105	
Nominal Voltage	12V	
Nominal Capacity (20Hr)	105Ah	
Nominal Capacity (5Hr)	85Ah	
Reserve Capacity (Min)	170	
CCA (-18°C) A / IEC	490	A
Operating Temperature (°C)	[-40°C to +50°C]	
Dimensions ± 0.5mm	Length	332mm
	Width	171mm
	Height	220mm
	Total Height	230mm
Cell Layout and Type	1	
Terminals	C	
Approx. Weight	Wet Charged	24.5Kgs

105Ah 12V

Constant current discharge ratings-amperes at 25°C

F . V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1. 60V	350	240	175	105	66. 0	27. 3	19. 1	10. 6	5. 27
1. 67V	315	219	170	102	65. 9	27. 2	18. 9	10. 4	5. 25
1. 70V	299	211	164	100	65. 7	27. 2	18. 9	10. 4	5. 25
1. 75V	266	195	155	98. 0	65. 0	27. 0	18. 8	10. 2	5. 23
1. 80V	240	181	148	95. 0	64. 2	26. 9	18. 6	10. 0	5. 04
1. 85V	182	149	128	87. 4	63. 5	26. 8	18. 5	9. 83	4. 74

Constant power discharge ratings-watts at 25°C

F . V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1. 60V	577	398	310	198	130	52. 4	36. 5	21. 2	10. 5
1. 67V	547	393	307	194	126	52. 4	36. 5	20. 9	10. 5
1. 70V	511	383	302	189	122	52. 4	36. 5	20. 7	10. 5
1. 75V	476	358	284	184	121	51. 6	36. 1	20. 4	10. 5
1. 80V	427	333	267	179	119	50. 9	35. 5	20. 0	10. 1
1. 85V	342	276	233	164	118	50. 7	35. 0	19. 7	9. 48

