

GLP 65-12

Compliance with standards

PN-EN 60896-21:2007
PN-EN 60896-22:2007
PN-EN 61056-1:2008
PN-EN 61056-2:2003(U)
PN-E-83016:1999



The **GLOBAL LEADER POWER** VRLA AGM battery series are designed to work in emergency power supply or other cyclic applications. The preferred uses for these are automation systems, mobile power source, engine power sources etc. For 50% deep cycle, up to 400 charge-discharge cycles can be achieved.

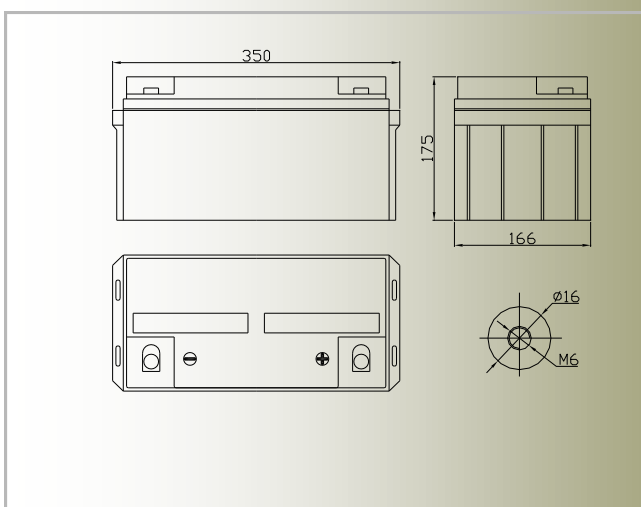
Designed lifetime is 8~10 years in 20-25°C working conditions (according to EUROBAT).



Specification

Nominal voltage	12V
Nominal capacity	65.0 Ah
Dimensions	Length 350 mm
Case material ABS/(UL94-HB) UL94-V0 optional	Width 166 mm
	Height 175 mm
	Total height 175 mm
Weight	20.0 kg

Dimensions

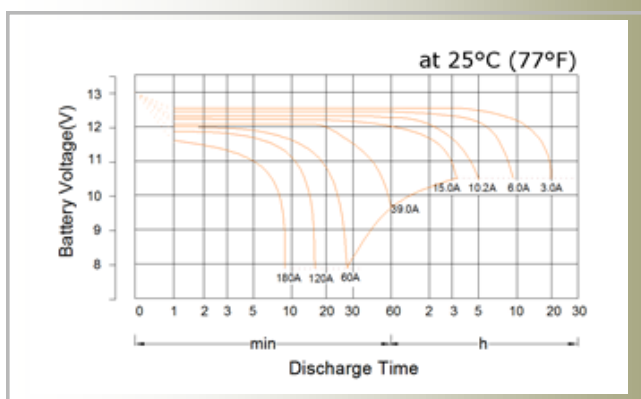


Characteristic

Capacity at 25°C and 10.0V cut off voltage	20h	65.0 Ah
	5h	55.0 Ah
	1h	42.0 Ah
Internal resistance	Fully charged	8.0 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self discharge	3 months	91%
	6 months	82%
	12 months	64%
Terminal	M6	
Charging	Buffer	13.50-13.80V
	Cyclical	14.40-15.00V
Max. charging current	19.5 A	
Max. discharge current	500 A (5 sec.)	

Working temperature:
Discharging: -20°C ÷ 50°C
Charging: -10°C ÷ 50°C
Storing: -20°C ÷ 50°C

Discharge characteristic at 25 °C



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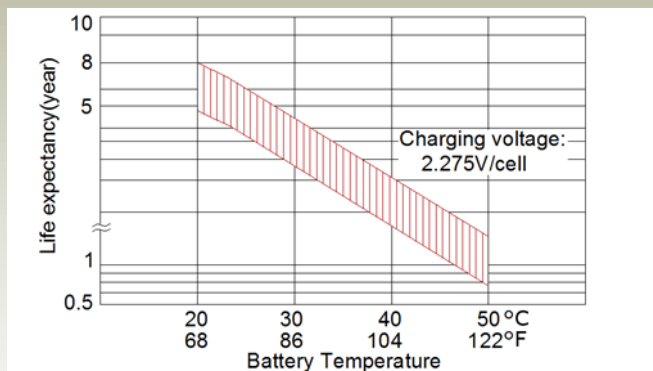
12V 65Ah

Zgodność z normami

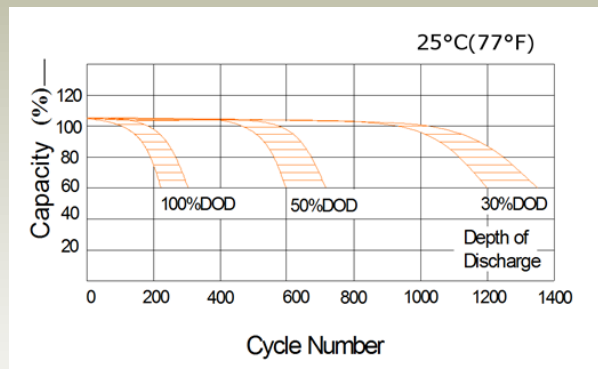
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Battery life for buffer work



Battery life for cyclic work



Constant current discharge characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
9.60V	210	168	120	69.0	49.2	39.0	21.0	15.2	10.3	6.78	5.64	3.06
9.90V	204	162	114	67.8	48.6	38.7	20.8	15.1	10.3	6.78	5.64	3.06
10.20V	192	150	108	66.0	48.0	38.4	20.7	15.0	10.2	6.72	5.58	3.00
10.50V	168	126	102	62.4	47.4	37.8	20.4	14.8	10.2	6.66	5.58	3.00
10.80V	150	108	96.0	54.0	46.8	37.2	19.8	14.4	10.1	6.66	5.46	2.94

Constant power discharge characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
9.60V	2292	1842	1326	804	562	450	242	176	119	78.6	66.0	36.0
9.90V	2202	1764	1254	774	554	443	241	175	119	78.6	65.4	36.0
10.20V	2094	1662	1194	738	547	443	238	174	118	78.6	65.4	35.6
10.50V	1836	1398	1128	696	540	436	235	172	118	77.4	64.8	34.9
10.80V	1638	1260	1062	600	533	428	228	167	117	77.4	63.6	34.2