

Rated voltage: 12 V **Capacity:** 134Ah C₁₀ at 25°C to 1.80V per cell

- * Designed service life of 10 years
- * World-wide compatibility
- * Easy maintenance with low operation cost
- * Easy installing and parameters readings
- * Wide operation temperature range
- * Superior low current discharge performance
- * Better safety performance and reliability
- * Modular and installation design
- * Environmental friendly

Size: 341x173x287mm

Weight: 42,5kg

Application:

Telecommunication
 UPS
 Solar and wind power system
 Electric power, nuclear power
 Marine

Company Certificates

ISO 9001:2009
 ISO 14001:2005
 OHSAS 18001:2008



Technical details

Max discharge current:	950A (5sec)	Self-discharge:	less than 9% / 90 days @ 25°C
Internal resistance (charged):	3,8mΩ @ 25°C	Max charge current:	40,2A
Temperature range		Charge voltage at 20°C	Float: 2.26-2.30V Cycle: 2.40-2.45V
Application temperature:	-20°C ~ 60°C	Terminal output:	M8
Storage:	-20°C ~ 60°C	Container	ABS
Charge:	-10°C ~ 50°C		
Temperature compens.factor:	30 mV/°C		

Temperature effect on battery capacity: 105 % @ 40°C; 85 % @ 0°C; 60 % @ -20°C

Discharge current (A/25°C, 68°F):

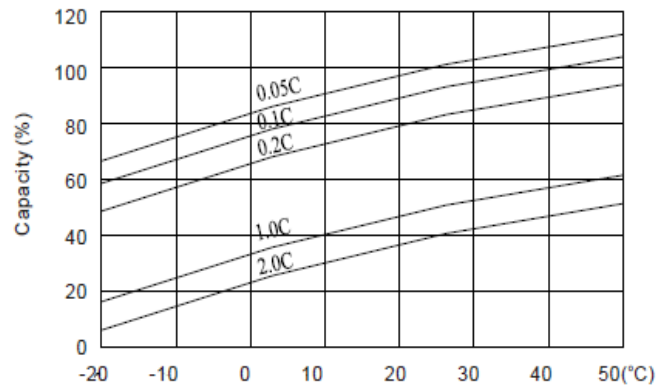
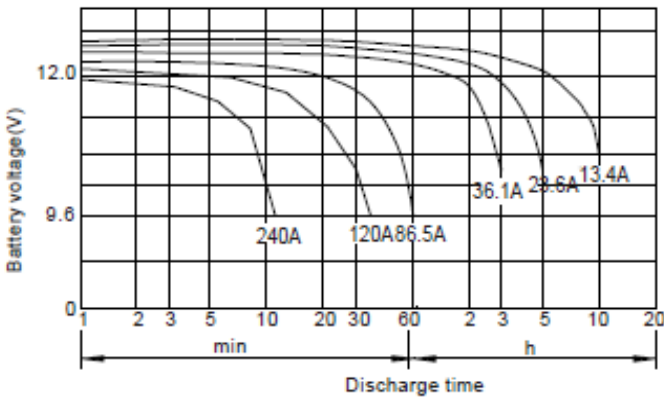
End Voltage	15min	20min	30min	45min	1h	3h	5h	10h	24h
1,60	248	197	147	107	86,5	38,2	25,6	13,6	6,24
1,65	237	191	145	105	84,3	37,4	25,0	13,6	6,23
1,70	231	187	142	102	82,1	36,8	24,3	13,5	6,18
1,75	214	177	139	99,8	80,2	36,1	23,6	13,5	6,17
1,80	197	166	134	96,7	78,0	35,2	23,0	13,4	6,14

Discharge power (W/25°C, 68°F):

End Voltage	15min	20min	30min	45min	1h	3h	5h	10h	24h
1,60	474	381	287	206	163	71,8	47,4	26,9	12,3
1,65	433	347	261	200	158	70,3	47,0	26,3	12,1
1,70	427	343	257	195	154	69,5	45,9	25,7	11,7
1,75	414	334	254	192	152	68,6	44,8	25,2	11,5
1,80	391	319	247	189	150	68,2	44,0	24,5	11,2

Discharge curves

Temperature and capacity relation



Selfdischarge at different temperature

Constant voltage charge characteristic

