

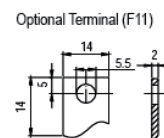
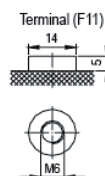
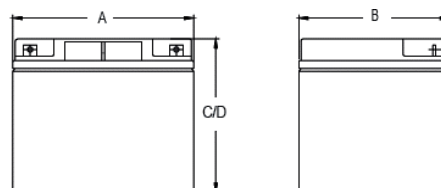


Rated voltage: 12 V **Capacity:** 40Ah C₂₀ at 25°C to 1.75V per cell

- * Designed service life of 5 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: 197x165x170

Weight: 12,4kg



Application:

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

Company Certificates

ISO 9001:2009
ISO 14001:2005

Technical details

Max discharge current:	600A (5sec)	Self-discharge:	less than 9% / 90 days @ 25°C
Internal resistance (charged):	9,5mΩ @ 25°C	Max charge current:	10A
Temperature range		Charge voltage at 20°C	Float: 2.25-2.30V Cycle: 2.40-2.45V
Application temperature:	-20°C ~ 60°C	Terminal output:	M6
Storage:	-20°C~60°C	Container	ABS
Charge:	-10°C ~ 50°C		
Temperature compens.factor:	20 mV/°C		

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

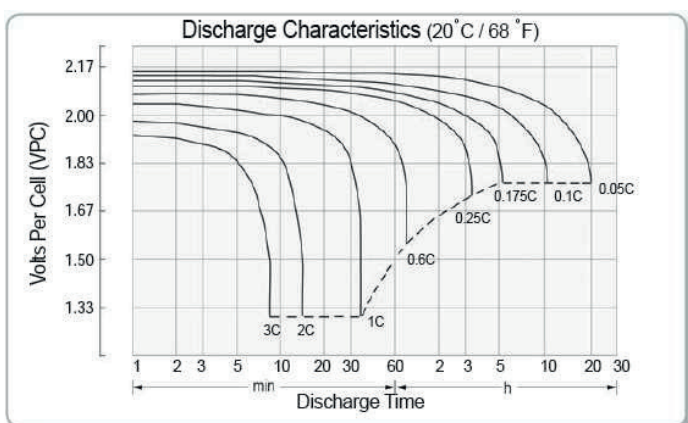
Discharge current
(A/25°C, 68°F):

End Voltage	5min	10min	15min	30min	1h	3h	5h	10h	20h
1,60	138	89	71	39	25	10,5	6,9	4,00	2,06
1,65	129	84	68	38	25	10,3	6,8	3,91	2,04
1,70	119	80	65	37	24	10,0	6,7	3,82	2,03
1,75	110	76	61	36	24	9,9	6,6	3,73	2,00
1,80	101	71	59	35	24	9,6	6,4	3,64	1,96

Discharge power
(W/25°C, 68°F):

End Voltage	5min	10min	15min	30min	45min	1h	2h	3h	5h
1,60	231	154	128	73,8	62,2	49,4	29,0	20,4	13,3
1,65	219	148	124	72,7	61,1	48,7	28,5	20,3	13,2
1,70	206	143	120	71,6	59,9	48,0	28,1	20,0	13,1
1,75	194	137	116	70,5	58,8	47,2	27,6	19,8	12,9
1,80	186	132	112	69,3	57,6	46,5	27,1	19,6	12,8

Discharge curves



Temperature and capacity relation

