

HF12-390WP-X

FEATURES

- Advanced pure lead technology
- The battery is designed for high rate usage
- Excellent consistency and reliability
- Longer float life
- Special design to avoid thermal runaway
- 4-fold terminal sealing to avoid leaking
- Strongest High Rated Discharge Performance
- Maintenance-free operation
- Low self-discharge rate

APPLICATION

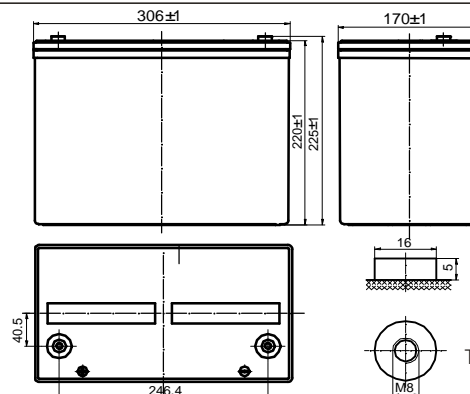
- UPS Equipment (High rate)
- High power backup supply
- Emergency power supply
- Starting system
- Power tools
- Emergency lighting
- Electrical starting

SPECIFICATIONS

Nominal Voltage	12 V
Number of cell	6
Nominal Capacity	390W/cell @15 min rate F.V.(1.67V/cell)
Approx. Weight	28.5Kg(62.8 lbs)
Internal Resistance	≤ 4.0m Ω (Fully Charged,25°C)
Max. Discharge Current	810 A (5 sec.)
Max. Charge Current	27 A
Operating Temperature Range	Charge : -10°C~60°C Discharge : -20°C~60°C Storage. : -10°C~60°C
Nominal Operating Temperature Range	25 ±5°C
Container Material	ABS(UL94-HB)&Flammability resistance of(UL94-V0) can be available upon request.
Self Discharge	3% of capacity declined per month at 20°C (average)
Charge Methods: Constant Voltage Charge (25°C)	
Cycle use	2.40-2.45VPC
Temperature compensation	-30mV/°C
Standby use	2.20-2.30VPC
Temperature compensation	-20mV/°C

Dimensions

	SI Units	English Units
Length	306mm	12.05 inch
Width	170mm	6.69 inch
Height	220mm	8.66 inch
Total Height	225mm	8.86 inch



Constant Current Discharge (Amperes at 25°C)

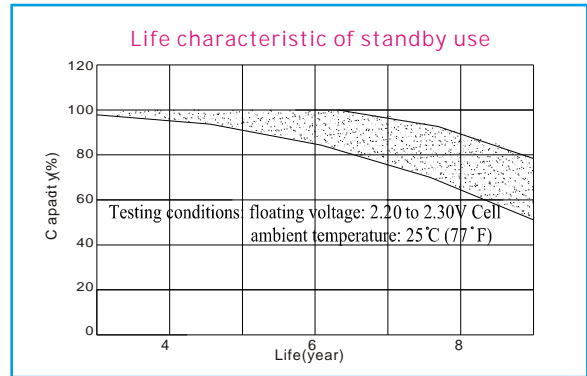
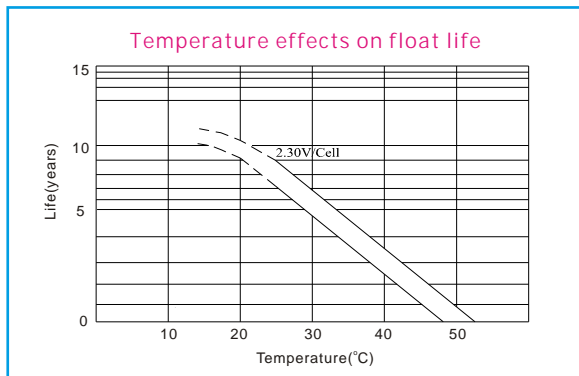
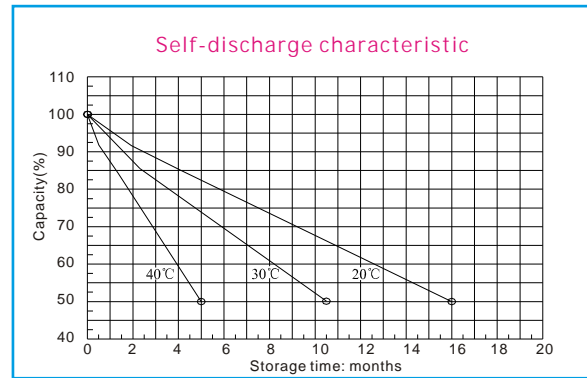
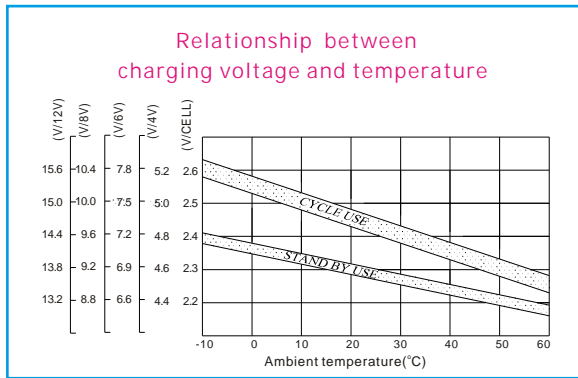
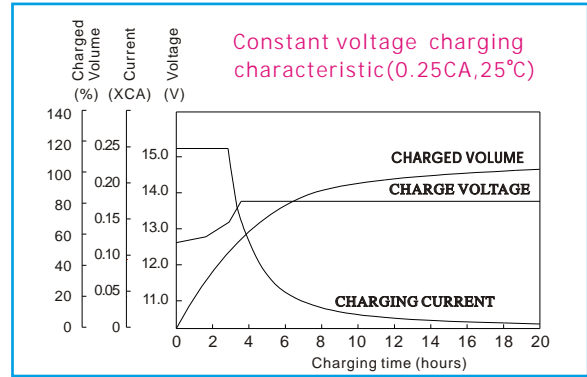
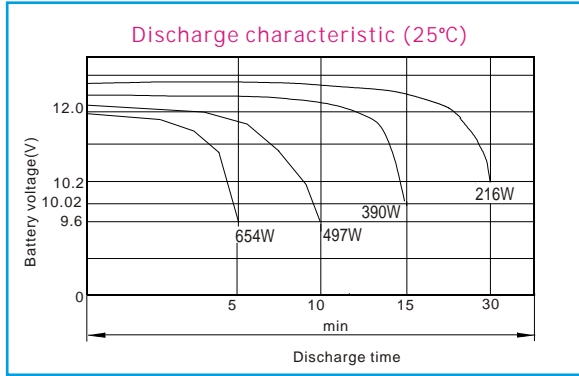
End Point Volts/cell	3 m in	5 m in	10m in	15 m in	20 m in	30 m in
1.60	422	347	275	223	176	136
1.67	390	324	258	213	167	128
1.70	377	312	247	205	159	123
1.75	365	300	236	197	153	117
1.80	343	286	227	187	146	111

Constant Power Discharge(Watts per Cell at 25°C)

End Point Volts/cell	3 m in	5 m in	10m in	15 m in	20 m in	30 m in
1.60	818	654	497	395	303	235
1.67	773	615	477	390	289	225
1.70	738	585	463	365	280	216
1.75	691	561	445	348	267	209
1.80	655	538	428	333	257	200

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values. All data shall be changed without prior notice, **Luxury** reserves the right to explain and update the information contained hereinto.

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