Valve Regulated Lead Acid Battery

KPH75-12U

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(3.75A	to	10.50V)	75Ah
10 hour rate	(7.5A	to	10.80V)	75Ah
5 hour rate	(12.75A	to	10.20V)	63.75Ah
1 hour rate	(45A	to	9.60V)	45Ah
1C	(75A	to	9.60V)	47.5Ah

Weight

Approx. 24.2kg(53.24Lbs.)

Internal Resistance (at 1KHz)

Approx. 5 mΩ

Maximum Discharge Current for

5 seconds:900A

Charging Methods at 25℃(77℉)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/℃/cell	
Maximum Charging Current：	22.5A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/℃/cell	

Operating Temperature Range

Charge	-15℃(5℉)	to	40℃(104℉)
Discharge	-15℃(5℉)	to	50℃(122℉)
Storage	-15℃(5℉)	to	40℃(104℉)

Charge Retention (shelf life) at 20℃(68℉)

1 month	98%
3 month	94%
6 month	85%

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Design Life

EUROBAT(20℃)：>12 YEARS VERY LONG LIFE

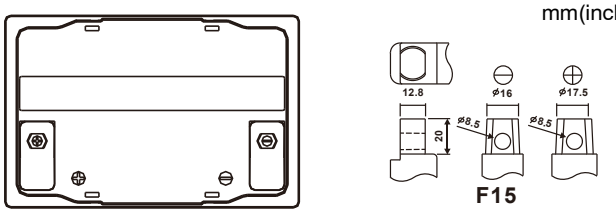
Terminal

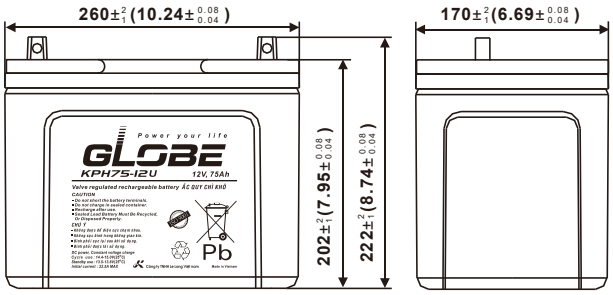
F15

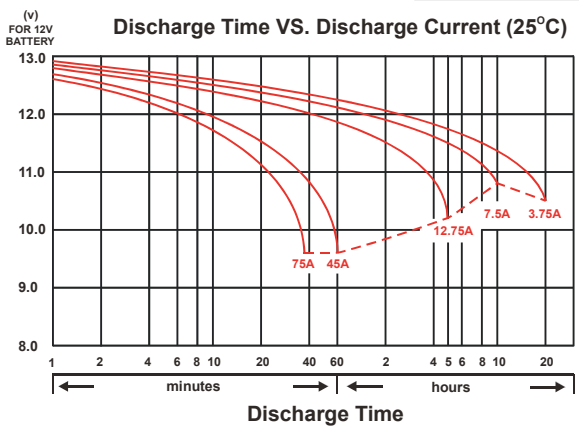
Dimensions

Length (L)	$260\pm^{2}_{1}(10.24\pm^{0.08}_{0.04})$
Width (W)	$170\pm^{2}_{1}(6.69\pm^{0.08}_{0.04})$
Height (H)	$202\pm^{2}_{1}(7.95\pm^{0.08}_{0.04})$
Overall Height (HT)	$222\pm^{2}_{1}(8.74\pm^{0.08}_{0.04})$

mm(inch)





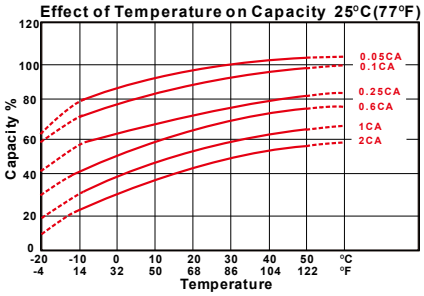


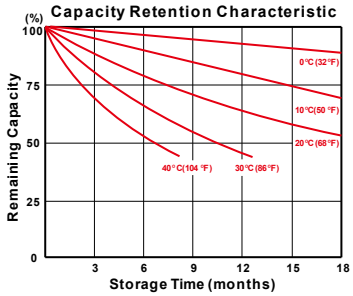
Power your life

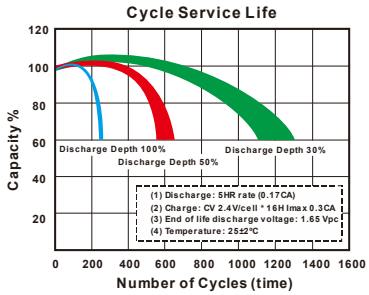
GLOBE

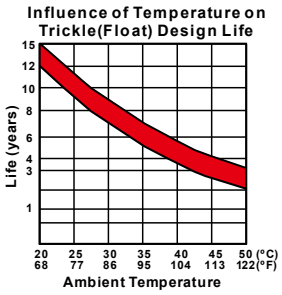
Valve Regulated Lead Acid Battery

KPH75-12U









- PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
10	min	349	378	403	417	424	431	435
15	min	272	283	291	297	302	306	308
30	min	168	178	184	188	191	193	194
60	min	92.6	93.8	94.6	95.0	95.3	95.4	95.5
120	min	53.5	55.5	57.0	57.4	57.6	57.7	57.8
180	min	37.2	37.7	38.0	38.3	38.5	38.6	38.7
240	min	29.4	30.1	30.6	30.9	31.1	31.2	31.4
300	min	24.0	24.5	24.9	25.1	25.3	25.4	25.5
480	min	16.1	16.4	16.6	16.7	16.8	16.8	16.9
600	min	13.7	14.1	14.4	14.6	14.7	14.8	14.9
1200	min	7.59	7.66	7.71	7.74	7.76	7.78	7.79

- Discharge Rates in Amperes to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
10	min	180	206	223	232	237	241	243
15	min	141	153	162	167	170	173	175
30	min	82.5	92.0	97.0	98.9	100	101	102
60	min	48.5	50.8	52.4	53.0	53.3	53.6	53.8
120	min	26.5	28.7	30.1	30.5	30.7	30.9	31.1
180	min	19.1	19.7	20.1	20.4	20.6	20.7	20.9
240	min	14.7	15.5	16.2	16.4	16.5	16.6	16.7
300	min	11.8	12.4	13.0	13.3	13.5	13.6	13.6
480	min	8.36	8.71	9.01	9.04	9.07	9.07	9.08
600	min	7.06	7.52	7.58	7.63	7.66	7.68	7.69
1200	min	3.68	3.83	3.88	3.91	3.93	3.94	3.95

All data on the spec. sheet is an average value:
The tolerance range : X<6min(+15%~-15%), 6min≦X<10min(+12%~-12%),10min ≦X < 60min(+8% ~-8%), X≧60min(+5%~-5%)

070426-1J-V

LE LONG VIETNAM CO., LTD.

CÔNG TY TNHH LELONG VIỆT NAM

I 40 Bà Chánh Thâu, KP2, Thị Trấn Bến Lức Huyện Bến Lức, Tỉnh Long An TEL:+84-272-3872213 FAX:+84-272-3872350

II Cụm Công Nghiệp Đức Mỹ, Xã Đức Hòa Đông, Huyện Đức Hòa, Tỉnh Long An TEL:+84-272-3779666 FAX:+84-272-3779476

Contents in this data sheet are subject to change for improvement without prior notice to users. For clarifications and updated information, please contact us.