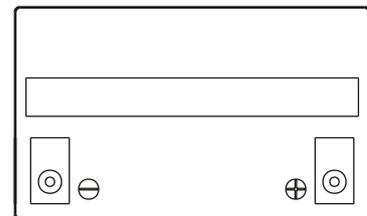
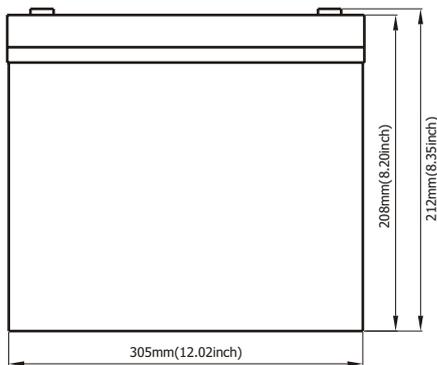


Terminal Dimensions



General Series

General Series Valve Regulated Lead Acid batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to gain extra power output for common power backup system applications widely used in the field of UPS, Emergency Lighting System.

Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

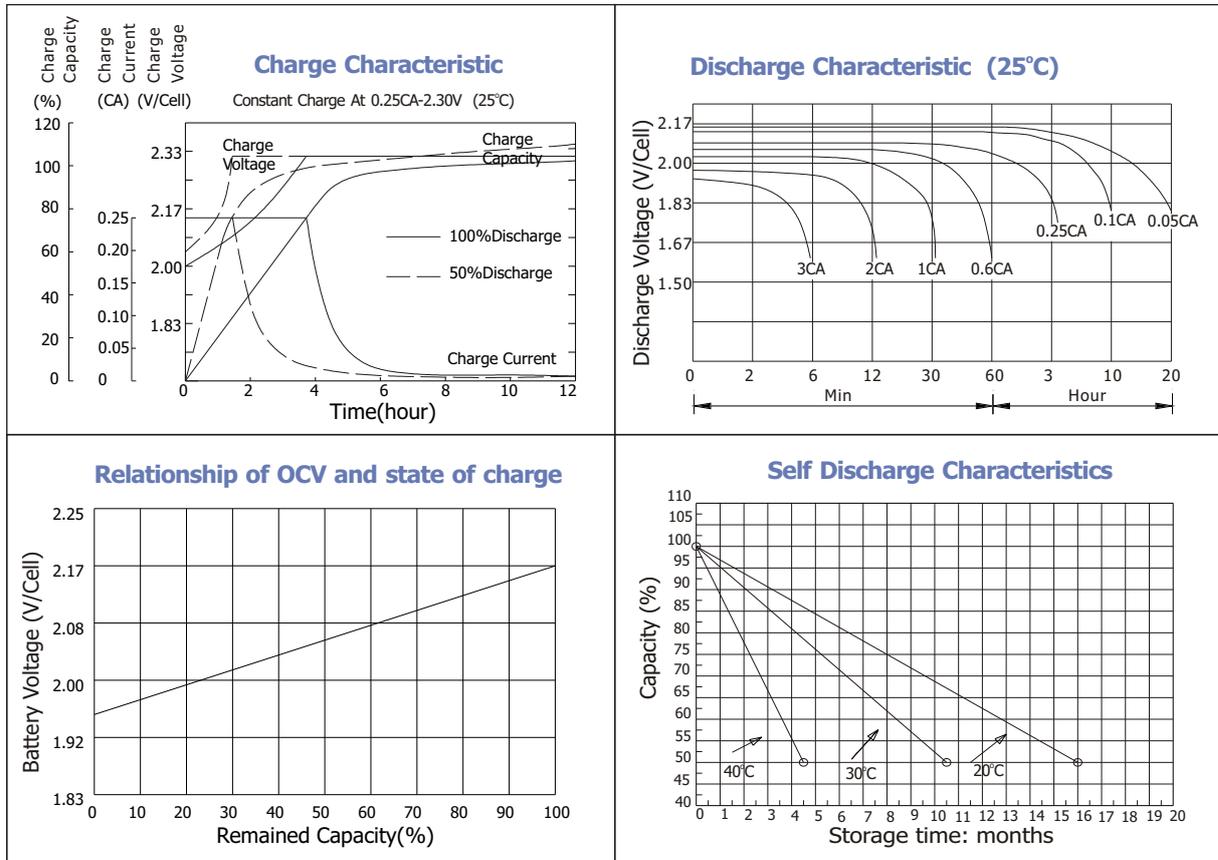
General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

Construction

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

Battery Model	HC12-90			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(4.7A,1.75V)	10HR(9A,1.75V)	5HR(15.3A,1.75V)	1HR(54.2A,1.75V)
	94AH	90AH	76.5AH	54.2AH
Dimensions	Length	Width	Height	Total Height
	306mm(12.09inch)	168mm(6.62inch)	208mm(8.20inch)	212mm(8.35inch)
Approx. Weight	26.60Kg (58.64 lbs)			
Internal Resistance	Full charged at 25°C: 0.0057 Ω			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 22.5A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C - (Valores medios después de 5 ciclos)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1H	3H	5H	10H	20H
1.60V	301	212	162	99.0	59.1	23.9	15.8	9.30	4.84
1.67V	281	203	156	96.0	57.6	23.6	15.7	9.20	4.81
1.70V	258	192	150	93.0	56.1	23.1	15.5	9.10	4.79
1.75V	228	177	143	90.0	54.2	22.8	15.3	9.00	4.70
1.80V	203	159	132	86.0	52.7	22.1	14.9	8.80	4.51
1.85V	181	144	122	82.0	49.4	21.3	14.5	8.30	4.21

Constant power discharge ratings-watts at 25°C - (Valores medios después de 5 ciclos)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1H	3H	5H	10H	20H
1.60V	507	379	294	184	110	45.0	30.0	17.8	9.34
1.67V	482	367	289	181	109	44.9	29.9	17.8	9.33
1.70V	450	350	280	176	108	44.6	29.8	17.7	9.31
1.75V	407	328	269	171	103	43.9	29.6	17.5	9.21
1.80V	368	298	251	165	101	42.8	29.0	17.3	8.87
1.85V	340	277	237	160	97	42.2	28.8	16.7	8.50

