

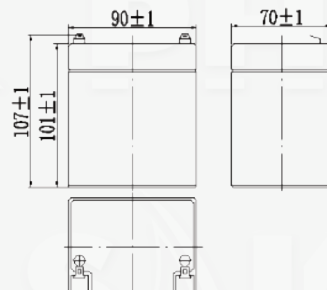
PHB 1205

Baterías Selladas PHASAK de Plomo-Ácido de 12V

Baterias Seladas PHASAK de Chumbo-Ácido de 12V

PHASAK Sealed Lead-Acid Batteries 12V

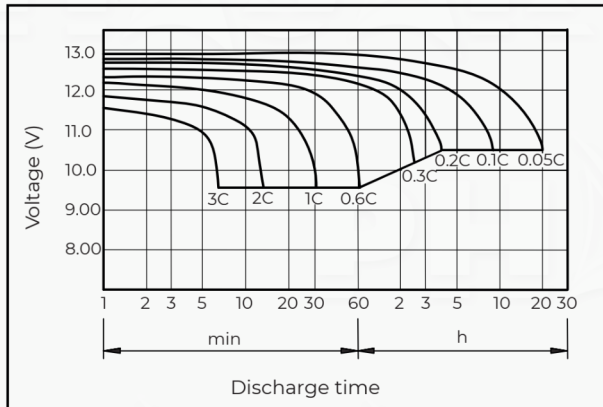
EAN: 5605922000667



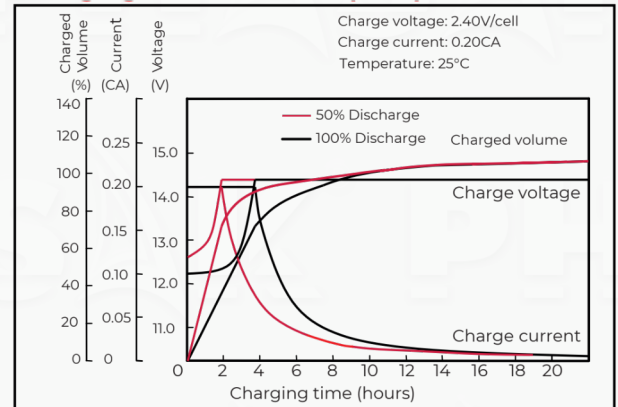
Datos Técnicos / Dados Técnicos / Technical Data

Referencia / Referência / Reference	PHB 1205
Voltaje Nominal / Tensão Nominal / Nominal Voltage	12 V
Capacidad Nominal / Capacidade Nominal / Rated Capacity	5 Ah
Tipo de Terminal / Tipo de Terminal / Terminal Type	T2/T1
Dimensiones / Dimensões / Dimensions	
Longitud / Comprimento / Length	90 ± 1 mm
Ancho / Largura / Width	70 ± 1 mm
Alto / Altura / Height	101 ± 1 mm
Altura Total / Altura Total / Total Height	107 ± 1 mm
Peso / Peso / Weight	~1.7 Kg
Capacidad / Capacidade / Capacity	
10h (10.5V) - 6.8 Ah / 1h (9.6V) - 4.7 Ah	
Resistencia Interna (100% Carga - 25°C)	
Approx.30m Ω	
Capacidad afectada por temperatura (20h)	
40°C (102%) / 25°C (100%) / 0°C (85%) / -15°C (65%)	
Auto descarga (25°C) / Auto Descharge (25°C) / Self Discharge (25°C)	
≤ 3 % / Month	
Temperatura Nominal de Funcionamiento / Temperatura Nominal de Funcionamento / Nominal Operating Temperature	
25°C ± 3°C (77°F ± 5°F)	
Voltaje de Carga Flotante (25°C) / Tensão de Carga Flutuante (25°C) / Float Charging Voltage (25°C)	
13.60V - 13.80V, -18mV/°C (temperature compensation)	
Corriente de Carga Cíclica / Corrente de Carga Cíclica / Cyclic Charging Current	
14.50V - 15.00V, 25°C ± 3°C (77°F ± 5°F) (temperature compensation)	
Corriente Máxima de Carga / Corrente Máxima de Carga / Maximum Charging Current	
1.35 A	
Corriente Máxima de Descarga / Corrente Máxima de Descarga / Maximum Discharge Current	
68 A (5s)	
Vida Útil de Flotación Diseñada / Vida Útil de Flutuação Projetada / Designed Floating Life	
5 años / anos / years	

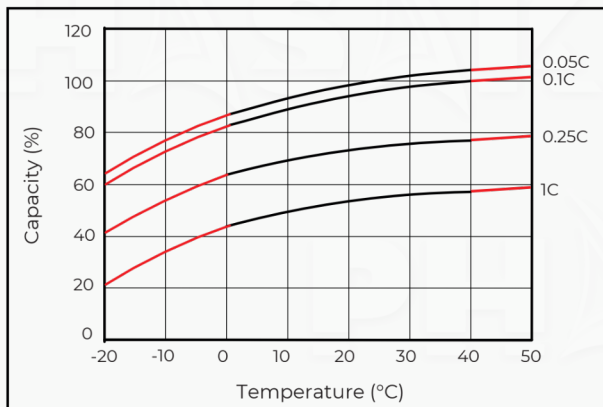
Discharge characteristics



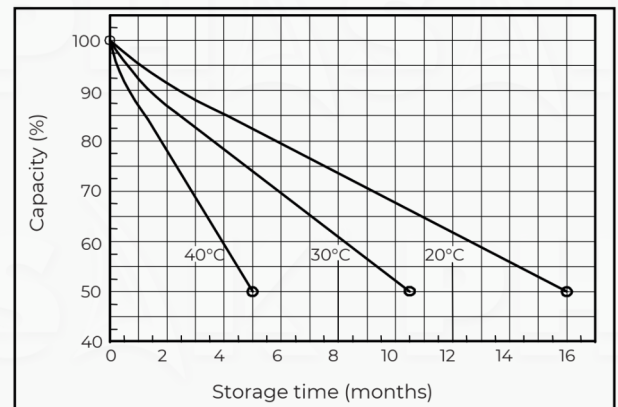
Charging characteristics



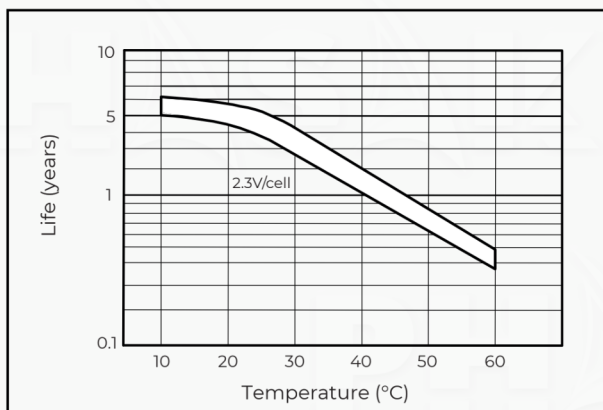
Effect of temperature on capacity



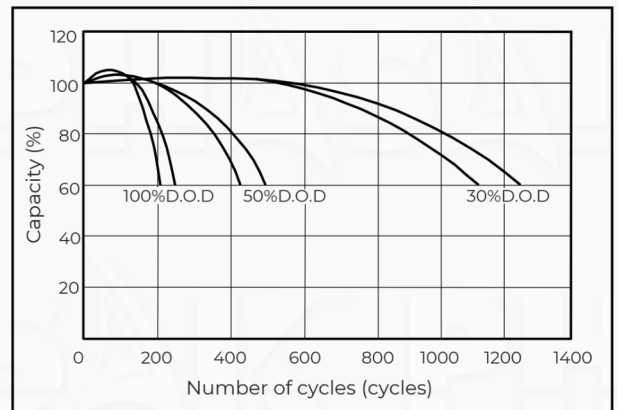
Self-discharge characteristics



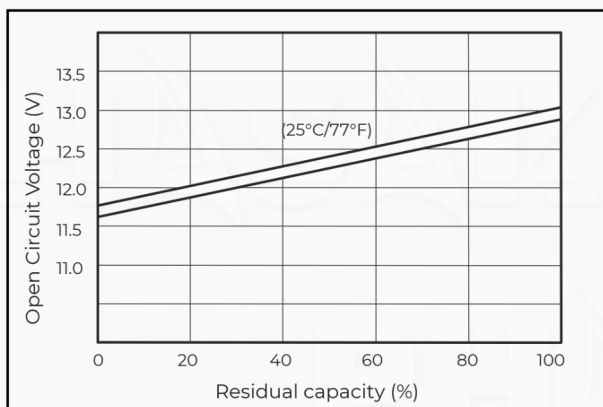
Floating life on temperature



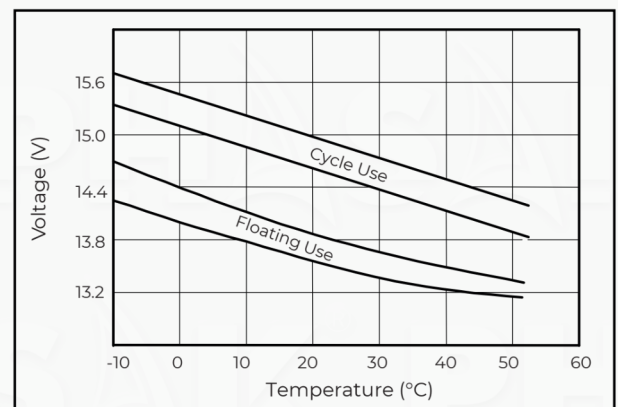
Cycle life on D.O.D(25°C)



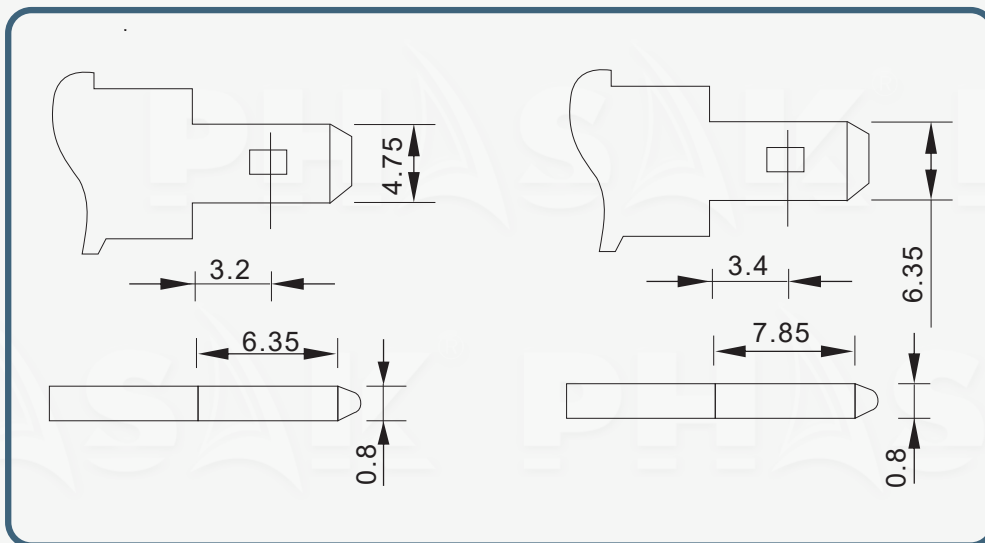
Relation for OCV and Capacity (25°C)



Relation Charging voltage / Temperature



Terminal Type (mm)



Construction

Component	Positive Plate	Negative plate	Container	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS (V-0 opt.)	AGM	Sulfuric Acid	Rubber	Copper

Constant current discharge characteristics at 25°C

(Ampere/battery)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	17.2	10.9	8.51	4.79	2.95	1.61	1.12	0.92	0.78	0.43	0.23
9.90V	16.7	10.6	8.30	4.70	2.90	1.60	1.11	0.92	0.78	0.42	0.23
10.2V	16.0	10.1	7.99	4.55	2.83	1.59	1.10	0.91	0.77	0.42	0.23
10.5V	15.3	9.69	7.72	4.44	2.77	1.56	1.09	0.90	0.77	0.42	0.23
10.8V	14.4	9.15	7.31	4.28	2.69	1.52	1.06	0.88	0.75	0.41	0.22

Constant power discharge characteristics at 25°C

(Watts/battery)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	192	123	97.0	54.9	34.1	18.9	13.3	11.0	9.37	5.11	2.74
9.90V	186	119	94.6	53.8	33.6	18.8	13.2	10.9	9.32	5.09	2.73
10.2V	178	114	91.1	52.2	32.8	18.6	13.1	10.8	9.25	5.07	2.72
10.5V	171	109	88.0	50.9	32.1	18.3	13.0	10.8	9.19	5.04	2.70
10.8V	161	103	83.4	49.0	31.1	17.8	12.6	10.4	8.91	4.94	2.65

The above characteristics represent average values and can be obtained within three charge and discharge cycles. The batteries must be fully charged before testing. The data in this document is subject to change without notice and become contractual only after written confirmation. Please contact NPP Power for the latest available version.



Compliant to: EUROBAT, RoHS, WEEE's and Reach.
Manufactured according to IEC 60896-21 / 22



PHB 1207

Voltaje: 12V
Capacidad: 7Ah
151 x 94 x 65



PHB 1209

Voltaje: 12V
Capacidad: 9Ah
151 x 94 x 65



PHB 1212

Voltaje: 12V
Capacidad: 12Ah
151 x 95 x 98



PHB 1218

Voltaje: 12V
Capacidad: 18Ah
181 x 167 x 77



PHB 1205

Voltaje: 12V
Capacidad: 5Ah
90 x 70 x 101



Todos los SAIS PHASAK
están equipados con
**baterías estándar de
12V** intercambiables.