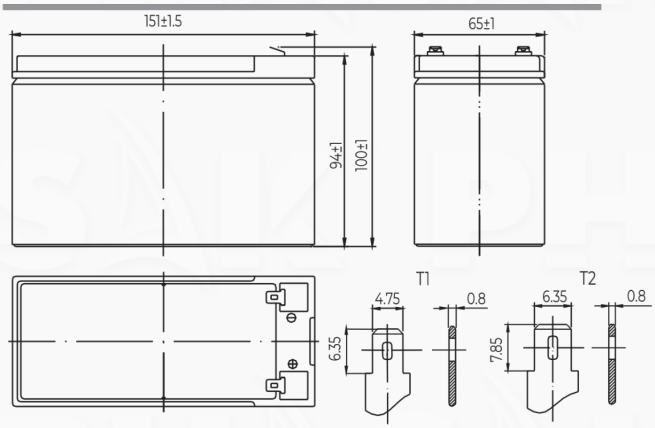
Baterías 12V

PHASAK 12V Sealed Lead Acid Batteries



Compatible with PHASAK UPS/UPS models that incorporate batteries with the same characteristics. Standard batteries compatible with any product that uses batteries with similar electrical characteristics.

Datasheet

Referencia	PHB 1207	PHB 1209	PHB 1212
Rated Voltage	12 V (6 cells / unit)	12 V (6 cells / unit)	12 V (6 celdas / unidad
Capacity @25°C	20 h/rate/10.5V: 7.2 Ah 5 h/rate/10.5V: 6.15 Ah	20 h/rate/10.5V: 9 Ah 5 h/rate/10.5V: 7.95 A	20 h/rate/10.5V: 12 Ah 10 h/rate/10.5V: 11 Ah
Terminal Type	T1/T2	T1/T2	T1/T2
Torsion	N/A	N/A	N/A
Internal resistance @ 25°C	30.0 m	14.0	19.0
Dimensions			
Length	151 ± 1.5 m	151 ± 1.5 m	151 ± 1.5 m
Broad	65 ± 1 mm	65 ± 1 mm	98 ± 1 mm
High	94 ± 1 m	94 ± 1 m	95 ± 1 m
Total height	100 ± m	100 ± m	101 ± 1 m
Weight	~ 2.00 Kg	~ 2.50 Kg	~ 3.50 Kg
Life (Stand-By)			
Rated Temperature		25 ± 3°	25 ± 3°
Discharge Range		-15°C ~ 50°	-15°C ~ 50°
Load Range		-10°C ~ 50°	-10°C ~ 50°
Storage Range		-20°C ~ 50°	-20°C ~ 50°
Tensión de Carta			
Floating @ 25°C		-18 mV / °C/Bloc	-18 mV / °C/Bloc
Cyclic @ 25°C		-30 mV / °C/Bloc	-30 mV / °C/Bloc
Maximum charge current	2.16 A	2.72 A	3.60 A
Maximum discharge current	108 A	135 A	180 A
Self-discharge rate @ 25°C	≤ 3%/month	≤ 3%/month	≤ 3%/mes

PHB 1207

Características / Características / Characteristics

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

Descarga de corriente constante / descarga de corrente constante / constant current discharge @ 25°C

(Ampere/battery)

F.V/Time	5min	10min	15min	30min	60min	2hr	3hr	4hr	5hr	10hr	20hr
9.60V	27.5	17.4	13.6	7.67	4.72	2.58	1.78	1.48	1.26	0.68	0.37
9.90V	26.7	16.9	13.3	7.51	4.65	2.56	1.77	1.47	1.25	0.68	0.36
10.2V	25.6	16.2	12.8	7.28	4.53	2.54	1.76	1.46	1.24	0.68	0.36
10.5V	24.5	15.5	12.4	7.11	4.44	2.50	1.75	1.45	1.23	0.67	0.36
10.8V	23.1	14.6	11.7	6.85	4.30	2.44	1.70	1.40	1.19	0.66	0.35

Descarga de potencia constante / descarga de energia constante / constant current discharge @ 25°C

(Watts/battery)

F.V/Time	5min	10min	15min	30min	60min	2hr	3hr	4hr	5hr	10hr	20hr
9.60V	307	197	155	87.9	54.6	30.2	21.2	17.6	15.0	8.18	4.38
9.90V	298	191	151	86.1	53.8	30.0	21.1	17.5	14.9	8.15	4.37
10.2V	285	183	146	83.5	52.4	29.7	20.9	17.4	14.8	8.11	4.35
10.5V	273	175	141	81.5	51.4	29.3	20.8	17.2	14.7	8.06	4.32
10.8V	258	165	133	78.5	49.8	28.5	20.2	16.7	14.3	7.90	4.23

PHB 1209

Características / Características / Characteristics

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

Descarga de corriente constante / descarga de corrente constante / constant current discharge @ 25°C

(Ampere/cell)

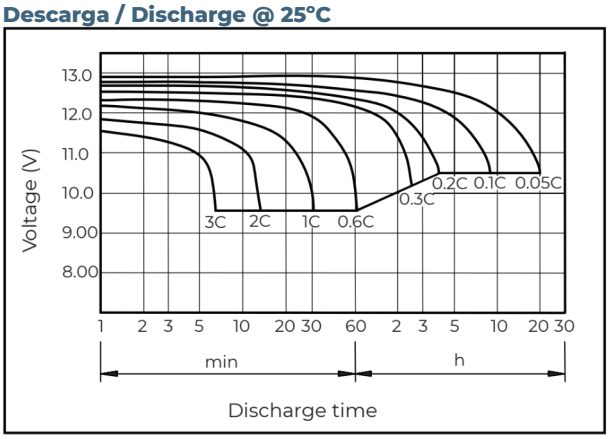
F.V/Time	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	38.64	23.84	17.80	14.10	9.55	7.07	5.78	3.31	2.35	1.89	1.62
1.67V/cell	36.96	22.79	17.20	13.50	9.24	6.84	5.64	3.28	2.33	1.87	1.61
1.70V/cell	35.91	22.16	16.70	13.20	9.07	6.72	5.55	3.26	2.32	1.87	1.60
1.75V/cell	34.44	21.21	16.20	12.80	8.85	6.55	5.44	3.21	2.30	1.85	1.59
1.80V/cell	32.45	19.95	15.30	12.10	8.53	6.31	5.27	3.13	2.23	1.80	1.55

Descarga de potencia constante / descarga de energia constante / constant current discharge @ 25°C

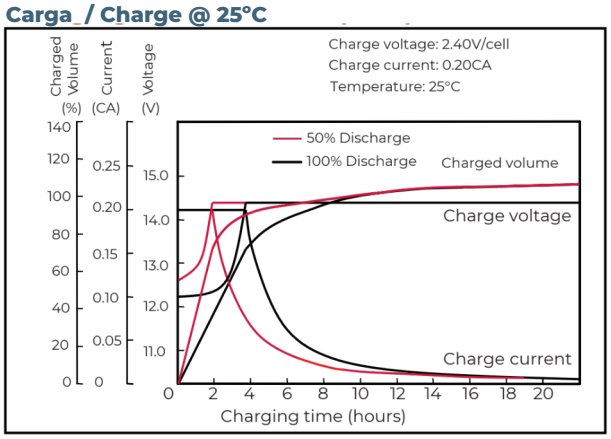
(Watts/cell)

F.V/Time	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	72.47	44.00	35.30	27.90	18.90	14.00	11.50	6.58	4.72	3.80	3.27
1.67V/cell	69.19	42.00	34.00	26.80	18.30	13.50	11.20	6.52	4.68	3.77	3.24
1.70V/cell	67.34	40.90	33.10	26.20	18.00	13.30	11.00	6.48	4.66	3.75	3.22
1.75V/cell	64.47	39.10	32.00	25.30	17.50	13.00	10.80	6.39	4.63	3.73	3.20
1.80V/cell	60.89	37.00	30.30	24.00	16.90	12.50	10.40	6.22	4.49	3.61	3.11

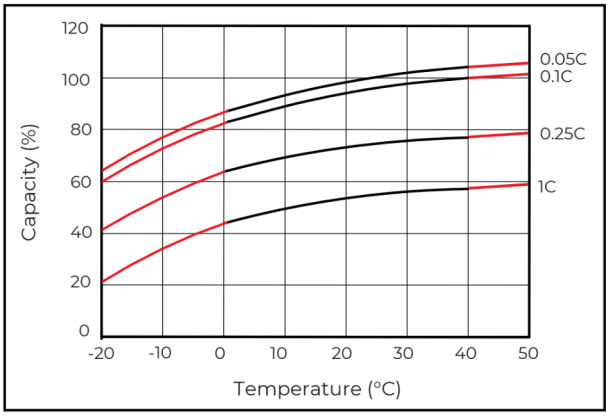
Descarga / Discharge @ 25°C



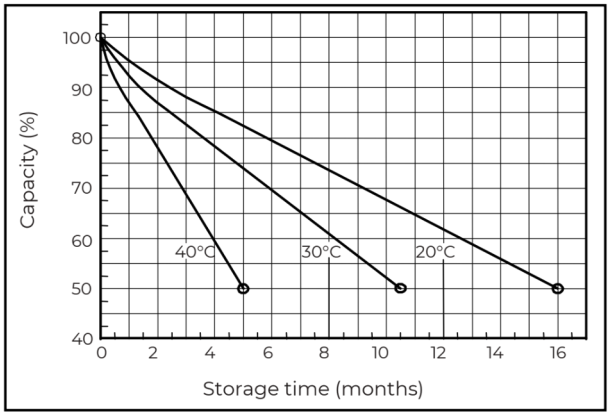
Carga _ / Charge @ 25°C



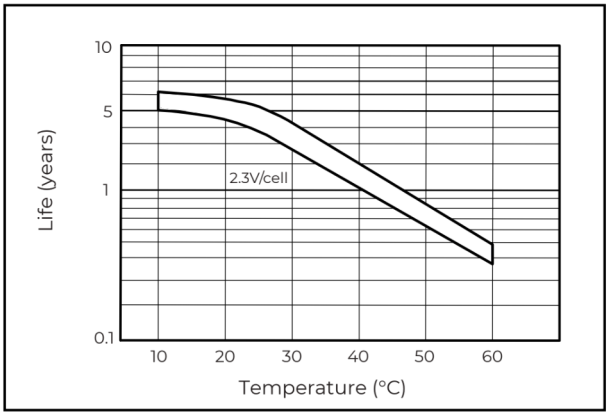
Temperatura - Capacidad / Temperature - Capacity



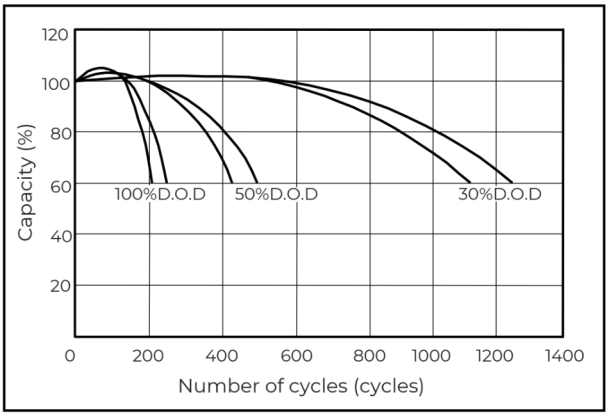
Autodescarga / Self discharge



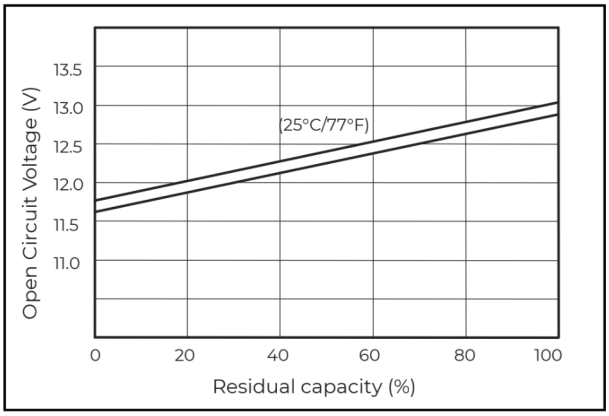
Floating Life



Ciclo de vida / Life cycle @ 25°C



OCV - Capacidad / OCV - Capacity @ 25°C



Voltaje vs Temperatura / Tensão vs Temperatura / Voltage vs Temperature