

NP Series

Valve Regulated Lead-Acid Batteries



Features

- Lead calcium grids for extended life
- Superb recovery from deep discharge
- Low discharge rate for long shelf life
- Absorbed glass mat (AGM) technology assures no free electrolyte
- High gas recombination efficiency
- Multipurpose: Float or light cyclic use
- Can be used in any orientation excluding continuous inverted use
- Application specific designs

Applications

Ideal for standby and light cyclic applications including:

- Fire and security systems
- Emergency lighting
- Solar and wind
- UPS
- Toys



Model Name	Nominal Voltage (Volts)	20-hr rate to 10.5V at 20°C (Ah)	10-hr rate to 10.8V at 20°C (Ah)	Watts per cell 10 min to 1.6VPC at 20°C (watts)	Length (±1)	Width (±1)	Overall Height (±2)	Weight - typical (kg)	Impedance at 1kHz mOhms	1 Second rate (Amps)	Terminal Type	Layout (see page 18)
NP1-6	6	1.0	0.93	-	51.0	42.5	54.5	0.25	75.0	30.0	A	5
NP1.2-6	6	1.2	1.1	-	97.0	25.0	54.5	0.31	60.0	36.0	A	1
NP4-6	6	4.0	3.7	-	70.0	47.0	105.5	0.87	20.0	120	A	5
NP7-6	6	7.0	6.5	-	151	34.0	97.5	1.32	12.0	210	A	1
NP10-6	6	10.0	9.2	-	151	50.0	97.5	1.93	8.0	300	A	1
NP12-6	6	12.0	11.1	-	151	50.0	97.5	2.05	7.0	360	C	1
NP0.8-12	12	0.8	0.74	-	96.0	25.0	61.5	0.35	180	24.0	H	6
NP1.2-12	12	1.2	1.1	-	97.0	48.0	54.5	0.58	110	36.0	A	3
NP2-12	12	2.0	1.86	-	150	20.0	89.0	0.7	68.0	60.0	B	7
NP2.3-12	12	2.3	2.1	-	178	34.0	64.0	0.95	65.0	69.0	A	1
NP3.2-12	12	3.2	2.9	-	134	67.0	64.0	1.2	50.0	96.0	A	3
NP4-12	12	4.0	3.7	-	90.0	70.0	106	1.75	40.0	120	A	1
NP7-12(L)	12	7.0	6.4	-	151	65.0	97.5	2.2	23.0	210	A/C	4
NP12-12	12	12.0	11.1	-	151	98.0	97.5	4.05	16.0	360	C	4
NP17-12I	12	17.0	15.7	-	181	76.0	167	6.1	15.0	510	D	2
NP18-12B	12	17.2	16.0	-	180	76.0	167	6.2	15.0	540	G	2
NP24-12I	12	24.0	22.3	-	166	175	125	9	11.0	500	D	2
NP38-12I	12	38.0	35.3	-	197	165	170	14.2	9.0	500	D	2
NP65-12I	12	65.0	60.5	-	350	166	174	23.0	7.0	800	E	2



NPH & NPW Series

High Rate NP Batteries

NPH2-12FR	12	2.1	2.0	-	68.0	51.0	88.0	0.84	66.0	60.0	A	2
NPH5-12(FR)	12	5.0	4.8	34.0	90.0	70.0	106	1.85	25.0	150	C	1
NPH12-12	12	12.0	11.1	70.0	151	98.0	97.5	4.1	16.0	360	C	4
NPW45-12	12	8.5	7.42	40.0	151	65.0	97.5	2.7	24.0	105	C	4