

SEALED LEAD ACID BATTERIES



Main Application	Model	Nominal Voltage (V)	Nominal Capacity (Ah)		Dimension (mm)				Approx. Weight kg	Terminal Type
			20 hr	10 hr	L	W	H	Height Maximal		
	SN4.5-6	6	4.5	4.275	70	47	102	106	0.82	F1
	SN12-6	6	12	11.4	151	50	94	99	1.84	F1
	SN13-12	12	13	11.4	97	48	50	56	0.59	F1
	SN2.9-12	12	2.9	2.755	79	56	99	107	1.19	F1
	SN5-12	12	5.0	4.275	90	70	101	107	1.62	F1
	SN7-12	12	7	6.65	151	65	94	102	2.20	F1
	SN7.5-12	12	7.5	6.84	151	65	94	102	2.40	F1
	SN9-12	12	9.0	7.65	151	65	94	102	2.70	F1
	SN12-12	12	12	11.4	151	98	93	98	3.75	F1
	SN15-12	12	15	14.25	181	76	167	167	4.81	F3
	SN18-12	12	18	17.1	181	76	167	167	5.60	F3
	SN21-12	12	21	19.5	181	76	167	167	6.08	F3
	SN26-12	12	26	24.7	166	125.5	176	176	8.80	F3
	SN33-12	12	33	31.35	196	130	158	180	9.90	F4A
	SN40-12	12	40	38	199	166	171	171	13.40	F8
	SN55-12	12	55	52.25	226	135	207	214	17.00	F8
	SN65-12	12	65	61.75	350	166	174	174	21.60	F4B
	SN100-12	12	100	100	329.5	172.3	215	222	31.30	F18
	SN130-12	12	-	130	352	170	273	278	43.00	F8
	SN150-12	12	-	150	483	170	240	240	45.50	F18
	SN200-12	12	-	200	522	238	219	224	66.50	F18

APPLICATION



Backup Power
For Emergency light,
UPS Security, Fire
Alarm System



Cyclic Power
For Multi-Purpose



High Power
For
Telecommunication,
UPS System



Electric Vehicle
For Mobility Scooter,
Electric Vehicle,
Golf Trolley, Medical



Long Life Power
For
Telecommunication,
UPS System



Green Power
For Solar and
Renewable Energy
Deep Cycle

TERMINAL TYPE

F1



F3



F4A



F4B



F8



F18



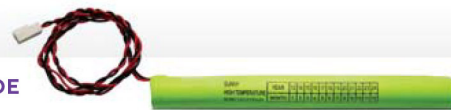
RECHARGEABLE BATTERIES



LITHIUM-ION BATTERY

- No fire, No explosion, Safety in use.
- Good high temperature performance.
- High energy density and conversion efficiency.
- Easy installation, easy maintenance, easy replacement for lead-acid battery.
- Low self discharge rate.
- High Cycle times and long service life.
- Environmental Friendly, without any heavy metals.

Description	Model		Unit
	11.1V-2.2 Ah	11.1V-5 Ah	
Nominal Voltage	11.1	11.1	V
Nominal Capacity	2.2	5	Ah
Standard Charge	220(0.1C)	500(0.1C)	mA
	14-16	14-16	Hour
Charge Cut-Off Voltage	12.6	12.6	V
Discharge Cut-Off Voltage	8.4	8.4	V
Max. Charge Current	1	2	A
Max. Continuous Discharge Current	4	4	A
Max. Peak Discharge Current	6A for 3 seconds	6A for 3 seconds	A
Terminal	Connector 2 Pins/Pitch 3.96 mm	Connector 2 Pins/Pitch 3.96 mm	-
Operating Temperature	-20~60	-20~60	°C
Cycles	600-800	600-800	cycles
Outer Package Material	PVC	PVC	-
Dimension (L x W x H)	70 x 33 x 44	93 x 18 x 61	mm
Weight	Approx. 150	Approx. 230	gram



NICKEL METAL HYDRIDE BATTERY

This specification governs the date of the following SUNNY Nickel-Metal Hydride Cylindrical Cell and its stack-up batteries. The data involving nominal voltage and the approximate weight of stack-up batteries shall be equal to the value of the unit cell multiplied by the number of unit cells in the battery. Nominal voltage of unit cell = 1.2V

Description	Model			Unit	Conditions
	3.6-1,800mAh	3.6V-2,100mAh	6V-1,200mAh		
Nominal Voltage	3.6	3.6	6	V	-
Nominal Capacity	1800	2100	1200	mAh	Standard Charge/Discharge
Standard Charge	180(0.1C)	210(0.1C)	120(0.1C)	mA	Ta=0~45°C
	14-16	14-16	14-16	Hour	
Trickle Charge	90(0.05C)-180(0.1C)	105(0.05C)-210(0.1C)	60(0.05C)-120(0.1C)	mA	Ta=0~45°C
Discharge Cut-Off Voltage	3.0	3.0	5.0	V	Ta=0~70°C
Storage Temperature	-10~35	-10~35	-20~60	°C	Discharge state
Operating Temperature	0~70	0~70	0~70	°C	Humidity Max 85%
Weight	80.0	120.0	70.0	gram	-
Dimension	151 x 17 (LxD)	154 x 19 (LxD)	48 x 22 x 31 (LxWxH)	mm	-

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