

12V9Ah is a long service life battery with 5 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

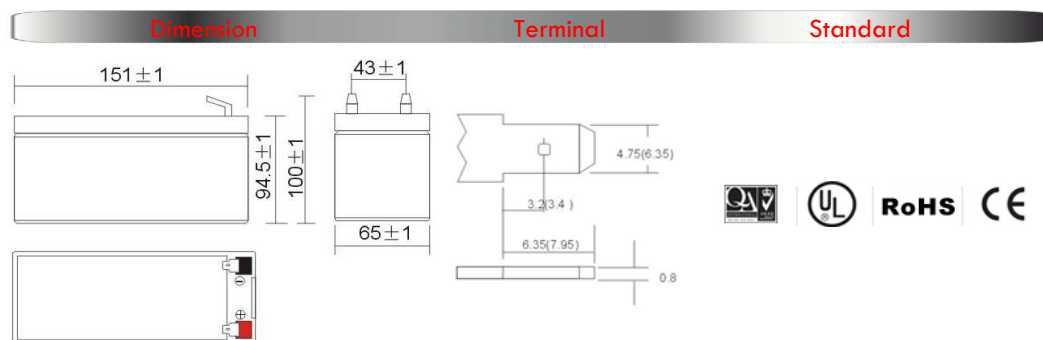
Shimastu



NP9-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	9 Ah at 20 hr-rate to 1.70V per cell at 25 °C
Weight	Approx. 2.5 Kgs.
Maximum Discharge Current	90A (5 Sec)
Internal Resistance	Approx. 15 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	2.7 A (0.3CA)
Terminal type	F1/F2
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

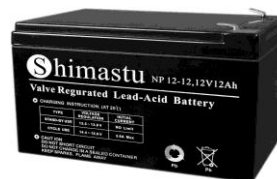
F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	36.0	22.3	16.8	10.3	6.5	2.9	1.7	0.89	0.46
1.67V	33.7	21.2	16.3	9.8	6.4	2.8	1.7	0.89	0.45
1.70V	30.8	20.4	15.8	8.9	6.2	2.6	1.7	0.87	0.45
1.75V	30.3	19.8	15.3	8.5	6.0	2.5	1.6	0.86	0.44
1.80V	27.2	18.9	14.0	7.9	5.6	2.4	1.5	0.86	0.42

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	62.92	40.26	30.80	18.48	11.77	5.09	2.96	1.79	0.94
1.67V	60.83	39.27	30.36	18.15	11.77	4.92	2.96	1.77	0.90
1.70V	57.31	38.94	30.14	16.94	11.55	4.71	2.92	1.76	0.89
1.75V	53.46	38.72	29.81	16.39	11.33	4.60	2.88	1.74	0.87
1.80V	52.80	38.17	27.72	15.73	10.65	4.46	2.81	1.71	0.85

12V 12Ah is a long service life battery with 5 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

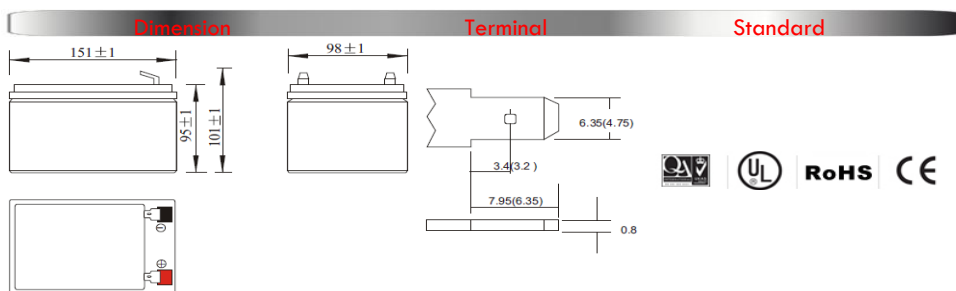
Shimastu



NP12-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	12 Ah at 20 hr-rate to 1.70V per cell at 25 °C
Weight	Approx. 3.35Kg
Maximum Discharge Current	120A (5 Sec)
Internal Resistance	Full charged battery 25mΩ
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	3.6 A
Terminal type	F1/F2
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	20MIN	30MIN	1HR	2HR	10HR	20HR
1.60V	45.7	28.5	21.4	19.6	13.1	8.3	4.3	1.18	0.62
1.67V	42.8	27.0	20.7	18.3	12.5	8.2	4.2	1.18	0.60
1.70V	39.3	25.9	20.2	17.9	11.3	8.0	4.2	1.17	0.60
1.75V	38.5	25.2	19.4	17.6	10.8	7.6	4.1	1.15	0.58
1.80V	34.5	24.2	17.7	17.4	10.0	7.1	4.1	1.15	0.57

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	20MIN	30MIN	1HR	2HR	10HR	20HR
1.60V	80.12	51.35	39.27	35.61	23.63	15.02	8.14	2.38	1.25
1.67V	77.39	50.09	38.75	33.53	23.00	14.91	8.10	2.37	1.20
1.70V	72.87	49.46	38.33	32.63	21.63	14.60	8.01	2.35	1.18
1.75V	68.04	49.35	38.01	32.14	20.90	14.39	7.95	2.31	1.17
1.80V	67.10	48.62	35.28	31.63	19.95	13.55	7.82	2.28	1.13

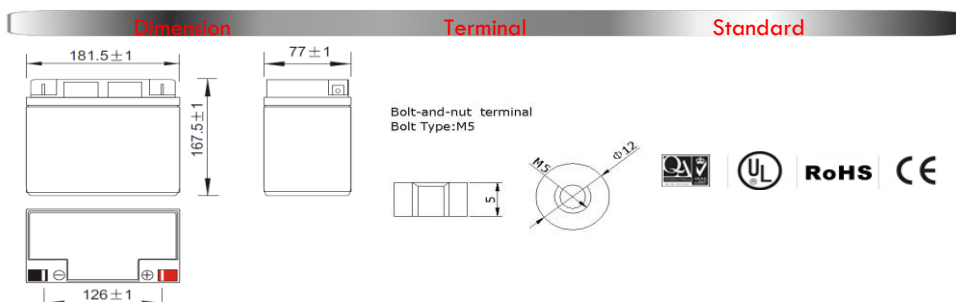
12V21Ah is a long service life battery with 5 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.




NP21-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	21 Ah at 20 hr-rate to 1.70V per cell at 25 °C
Weight	Approx. 5.6 Kgs.
Maximum Discharge Current	210A (5 Sec)
Internal Resistance	Approx. 15 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	6.3 A (0.3CA)
Terminal type	L5/M5
Container Material	ABS(UL94-HB),Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

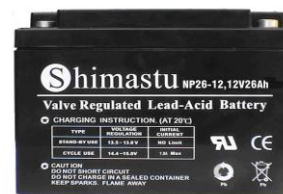
F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	76.2	47.4	35.7	21.9	14.0	6.09	3.72	2.08	1.07
1.67V	71.4	45.0	34.5	20.9	13.7	5.86	3.63	2.08	1.05
1.70V	65.3	43.2	33.6	18.9	13.3	5.46	3.57	2.04	1.05
1.75V	64.2	42.0	32.4	18.0	12.7	5.27	3.48	2.01	1.03
1.80V	57.6	40.1	29.5	16.7	11.9	5.08	3.27	2.01	0.99

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	134	85.5	65.4	39.3	25.0	10.8	6.27	4.17	2.19
1.67V	129	83.4	64.5	38.4	24.9	10.4	6.27	4.14	2.10
1.70V	122	82.5	63.9	36.0	24.4	10.0	6.18	4.11	2.07
1.75V	113	82.2	63.3	34.8	24.0	9.75	6.12	4.05	2.04
1.80V	112	81.0	58.8	33.3	22.6	9.45	5.94	3.99	1.98

12V26Ah is a long service life battery with 10 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

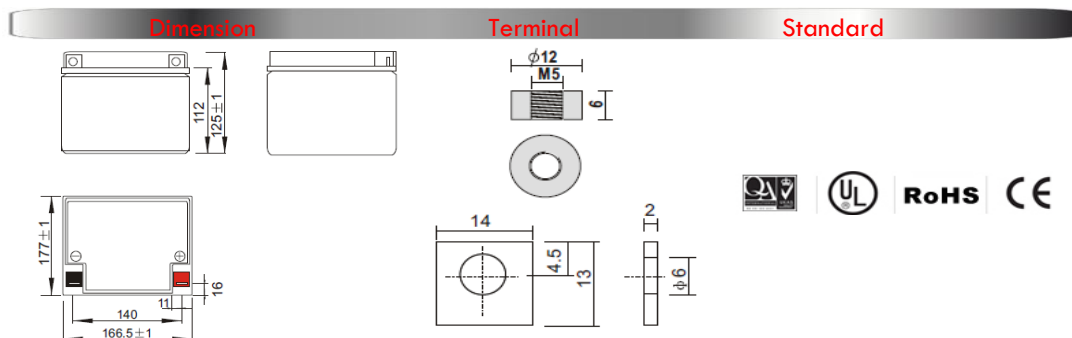
Shimastu



NP26-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	26 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 7.8 Kgs.
Maximum Discharge Current	260A (5 Sec)
Internal Resistance	Approx. 12.8 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	6.5A
Terminal type	M5
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

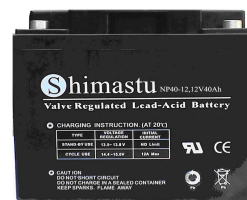
F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	95.6	65.5	47.8	28.7	18.1	7.5	5.2	2.76	1.37
1.67V	86.0	59.7	46.4	27.8	18.0	7.4	5.2	2.72	1.37
1.70V	81.6	57.6	44.7	27.3	18.0	7.4	5.2	2.69	1.37
1.75V	72.7	53.2	42.3	26.8	17.7	7.4	5.1	2.65	1.36
1.80V	65.5	49.5	40.4	25.9	17.5	7.3	5.1	2.60	1.31

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	157.5	108.2	84.6	54.1	35.5	14.3	10.0	5.51	2.74
1.67V	149.1	107.1	83.8	52.9	34.3	14.3	10.0	5.43	2.73
1.70V	139.7	105.0	82.4	51.6	33.4	14.3	10.0	5.39	2.73
1.75V	130.2	97.7	77.5	50.2	33.1	14.1	9.9	5.30	2.72
1.80V	116.6	91.4	72.9	48.8	32.6	13.9	9.7	5.20	2.62

12V40Ah is a long service life battery with
10 years service life under normal float charge
at 20-25°C Shimastu batteries are Seal Lead Acid with
Valve Regulated Lead Acid (VRLA) design.
Rechargeable, Highly efficient, Leak proof and Maintenance free.

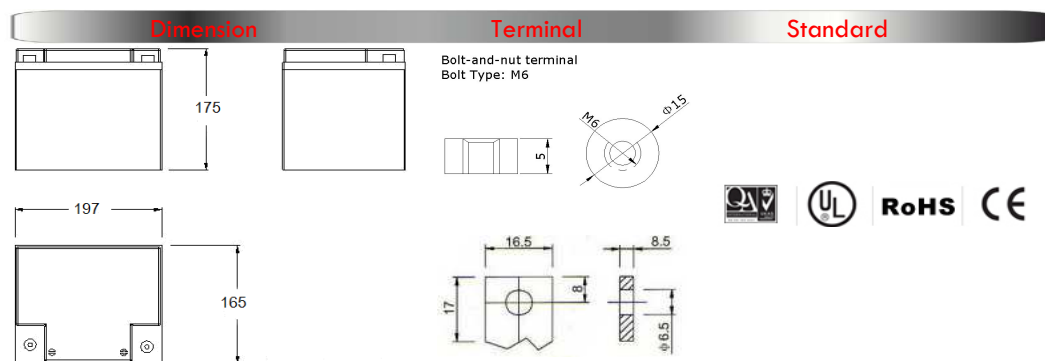
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NP40-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	40 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 12.8 Kgs.
Maximum Discharge Current	400A (5 Sec)
Internal Resistance	Approx. 10 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	10A
Terminal type	M6/L6
Container Material	ABS(UL94-HB),Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	154.0	105.6	77.0	46.2	29.2	12.0	8.4	4.25	2.11
1.67V	138.6	96.3	74.8	44.9	28.9	12.0	8.3	4.18	2.11
1.70V	132.0	93.0	72.1	44.0	28.9	12.0	8.3	4.14	2.11
1.75V	116.6	85.8	68.2	43.1	28.6	11.9	8.3	4.08	2.09
1.80V	105.6	79.8	65.1	41.8	28.3	11.9	8.2	4.00	2.02

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	254.1	173.8	136.4	87.1	57.2	23.0	16.1	8.48	4.22
1.67V	239.8	172.7	135.3	85.3	55.3	23.0	16.1	8.35	4.20
1.70V	225.5	169.4	133.1	83.1	53.8	23.0	16.1	8.29	4.20
1.75V	210.1	157.3	125.4	80.9	53.4	22.7	15.8	8.15	4.18
1.80V	188.1	146.3	117.7	78.7	52.5	22.3	15.6	8.00	4.03

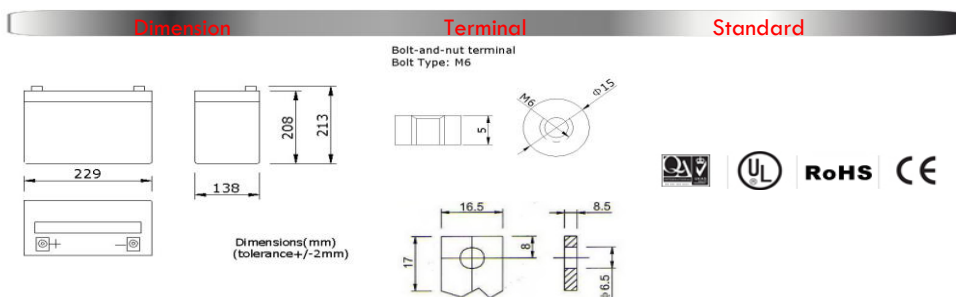
12V55Ah is a long service life battery with
10 years service life under normal float charge
at 20-25°C Shimastu batteries are Seal Lead Acid with
Valve Regulated Lead Acid (VRLA) design.
Rechargeable, Highly efficient, Leak proof and Maintenance free.



NP55-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	55 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 17.0 Kgs.
Maximum Discharge Current	550A (5 Sec)
Internal Resistance	Approx. 6 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	14.0 A (0.3CA)
Terminal type	M6/L6
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	202.7	138.6	101.1	60.7	38.2	15.8	11.0	5.84	2.90
1.67V	181.7	126.0	98.2	58.9	38.0	15.8	10.9	5.75	2.90
1.70V	172.2	121.8	94.6	57.8	38.0	15.8	10.9	5.69	2.90
1.75V	153.3	112.4	89.6	56.6	37.6	15.6	10.8	5.61	2.88
1.80V	138.6	105.0	85.5	54.9	37.1	15.5	10.7	5.50	2.77

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	332.9	228.9	179.6	114.5	75.1	30.2	21.1	11.70	5.80
1.67V	315.0	226.8	177.5	112.4	72.7	30.2	21.1	11.50	5.78
1.70V	295.1	222.6	174.3	109.2	70.7	30.2	21.1	11.40	5.78
1.75V	275.1	206.9	163.8	106.1	69.9	29.7	20.9	11.20	5.75
1.80V	246.8	192.2	154.4	103.3	68.9	29.3	20.5	11.00	5.54

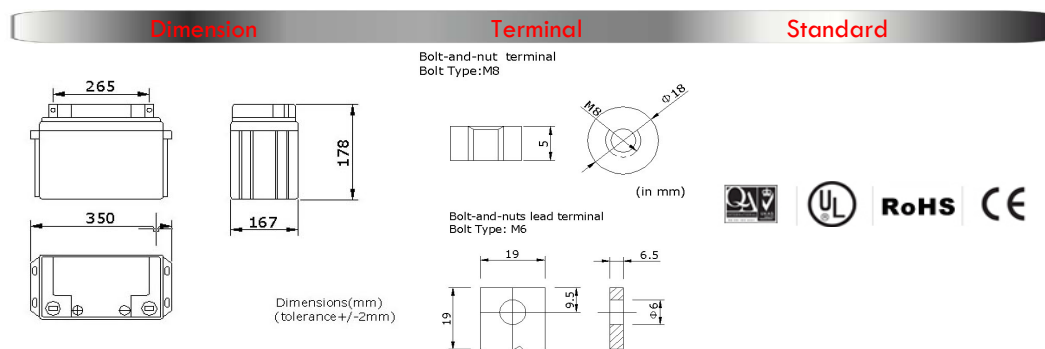
12V65Ah is a long service life battery with
10 years service life under normal float charge
at 20-25°C Shimastu batteries are Seal Lead Acid with
Valve Regulated Lead Acid (VRLA) design.
Rechargeable, Highly efficient, Leak proof and Maintenance free.




NP65-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	65 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 21 Kgs.
Maximum Discharge Current	650A (5 Sec)
Internal Resistance	Approx. 7.3 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	16.2 A
Terminal type	M8
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	250.8	171.6	125.4	75.1	47.2	19.5	13.6	6.89	3.43
1.67V	225.5	156.2	122.1	72.9	47.1	19.5	13.5	6.79	3.41
1.70V	213.4	150.7	117.7	71.5	47.0	19.5	13.5	6.76	3.41
1.75V	190.3	139.7	111.1	70.1	46.5	19.4	13.4	6.62	3.40
1.80V	171.6	129.8	105.6	68.0	45.9	19.3	13.3	6.51	3.28

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	412.5	283.8	222.2	141.9	93.0	37.4	26.1	13.80	6.85
1.67V	390.5	280.5	220.0	138.6	90.0	37.4	26.1	13.60	6.83
1.70V	366.3	275.0	215.6	135.3	87.5	37.4	26.1	13.50	6.83
1.75V	341.0	256.3	203.5	132.0	86.7	36.9	25.9	13.30	6.80
1.80V	305.8	238.7	191.4	127.6	85.3	36.3	25.4	13.00	6.55

12V 100Ah is a long service life battery with 10 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

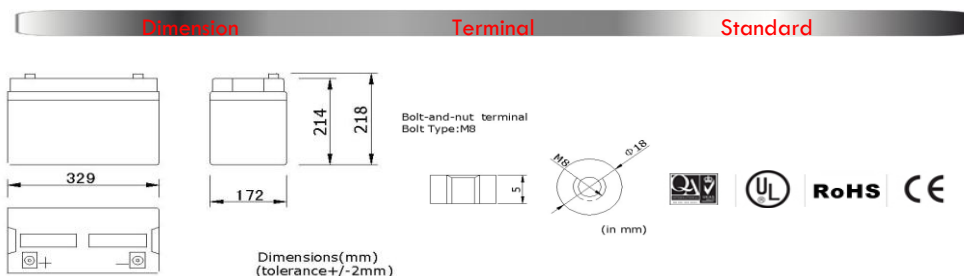
Shimastu



NP100-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	100 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 28.5Kg
Maximum Discharge Current	1000A (5 Sec)
Internal Resistance	Approx. 5.6 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	25A
Terminal type	Insert Terminal (M8)
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	367.5	252.0	183.8	110.3	69.3	28.7	14.2	10.60	5.27
1.67V	330.8	230.0	178.5	107.1	69.2	28.6	14.1	10.40	5.25
1.70V	314.0	221.6	172.2	105.0	69.0	28.6	14.0	10.40	5.25
1.75V	279.3	204.8	162.8	102.9	68.3	28.4	14.0	10.20	5.23
1.80V	252.0	190.1	155.4	99.8	67.4	28.2	13.9	10.00	5.04

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	605.9	415.8	325.5	207.9	136.5	54.9	28.4	21.20	10.50
1.67V	573.3	411.6	322.4	203.7	132.3	54.9	28.2	20.90	10.50
1.70V	537.6	404.3	317.1	198.5	128.1	54.9	28.0	20.70	10.50
1.75V	500.9	375.9	298.2	193.2	127.1	54.1	27.8	20.40	10.50
1.80V	448.4	349.7	280.4	188.0	125.0	53.3	27.8	20.00	10.10

12V120Ah is a long service life battery with 10 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

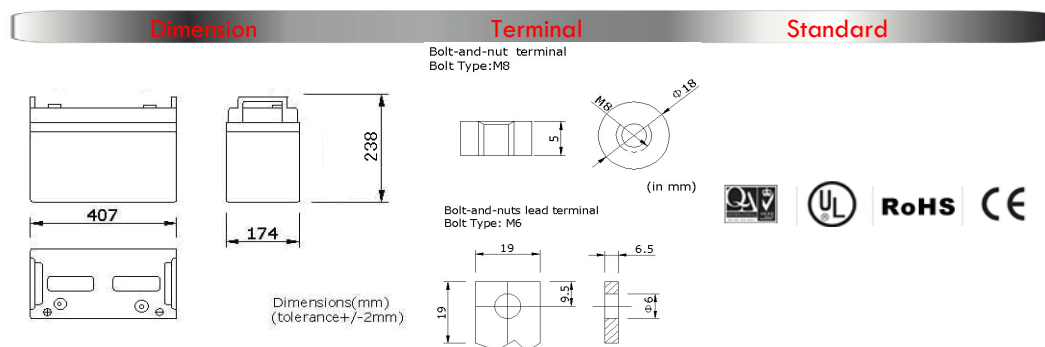
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NP120-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	120 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 35.0 Kgs.
Maximum Discharge Current	1200A (5 Sec)
Internal Resistance	Approx. 5.2 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	30 A
Terminal type	M8
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	462.0	316.8	231.0	138.6	87.1	36.1	25.2	12.70	6.32
1.67V	415.8	289.3	224.4	134.2	87.0	35.9	25.0	12.50	6.30
1.70V	394.9	278.3	216.7	132.0	86.7	35.9	25.0	12.50	6.30
1.75V	350.9	257.4	204.6	129.8	85.8	35.6	24.9	12.20	6.28
1.80V	316.8	238.7	195.8	125.4	84.7	35.5	24.5	12.00	6.05

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	761.2	522.5	409.2	261.8	171.6	69.1	48.2	25.40	12.60
1.67V	720.5	518.1	404.8	256.3	166.1	69.1	48.2	25.10	12.60
1.70V	675.4	508.2	398.2	249.7	161.7	69.1	48.2	24.90	12.60
1.75V	629.2	473.0	387.2	243.1	159.5	68.0	47.6	24.50	12.60
1.80V	563.2	440.0	352.0	236.5	157.3	67.0	46.9	24.00	12.10

12V200Ah is a long service life battery with 10 years service life under normal float charge at 20-25°C Shimastu batteries are Seal Lead Acid with Valve Regulated Lead Acid (VRLA) design. Rechargeable, Highly efficient, Leak proof and Maintenance free.

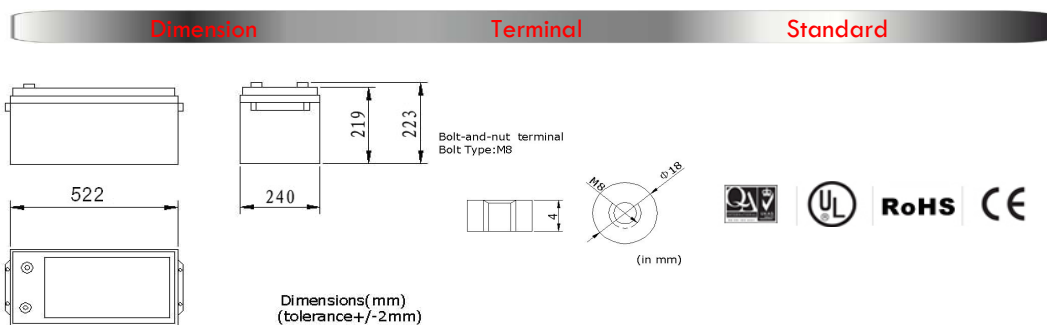
Shimastu



NP200-12

SPECIFICATIONS

Cell per unit	6 Cells.
Voltage per unit	12 Volts.
Capacity	200 Ah at 10 hr-rate to 1.75V per cell at 25 °C
Weight	Approx. 61 Kgs.
Maximum Discharge Current	2000A (5 Sec)
Internal Resistance	Approx. 4 milli Ohm.(Full charged battery)
Normal Operating Temperature Range	25 °C + 5 °C
Operating Temperature Range	Discharge : -20°C ~ 60°C Charge : 0°C ~ 50°C Storage : -20°C ~ 60°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25 °C Temp.
Equalization and Cycle service	14.1 to 14.4 VDC/unit Average at 25 °C Temp.
Maximum Charging Current	50 A
Terminal type	M8
Container Material	ABS(UL94-HB), Flammability resistance of UL94-V1 can be available upon request
Separator	AGM (Absorbed Glass Mat type Microporous material)
Self Discharge	Not more than 3% per month at 25 °C



CONSTANT POWER DISCHARGE RATING AMP PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	770.0	528.0	385.0	231.0	145.2	60.1	42.0	21.20	10.50
1.67V	693.0	481.8	374.0	224.4	145.2	59.8	41.6	20.90	10.50
1.70V	657.8	464.2	360.8	220.0	144.1	59.8	41.6	20.70	10.50
1.75V	585.2	429.0	341.0	215.6	143.0	59.4	41.3	20.40	10.50
1.80V	528.0	398.2	325.6	209.0	140.8	59.2	40.9	20.00	10.10

CONSTANT POWER DISCHARGE RATING WATT PER CELL@25°C

F.V/TIME	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	1269.4	871.2	682.0	435.6	286.0	115.5	80.3	42.40	21.10
1.67V	1201.2	863.5	675.4	426.8	277.2	115.5	80.3	41.80	21.00
1.70V	1125.3	845.9	664.4	415.8	269.5	115.5	80.3	41.50	21.00
1.75V	1049.4	787.6	624.8	404.8	266.2	113.3	79.4	40.80	20.90
1.80V	939.4	732.6	587.4	393.8	261.8	112.2	78.1	40.00	20.20