

WELCOME

Product Presentation

NINE ENERGY ELECTRONIC SYSTEMS LLP

Upcoming Product Details

- **High Capacity Inverter (1kva-10kva)**
- **PWM High Capacity Inverter/PCU (1Kva-10kva)**
- **Off-Grid MPPT Inverter/PCU (1kva-10kva)**
- **Battery Less PCU(1kva-10kva)**
- **EV Charger (1K watt to 5K watt)**

CURVE SERIES HB HUPS

- ▶ Micro controller based compact design supported by microchip
- ▶ Develops gravity faster among its peers
- ▶ Zero volt battery pickup
- ▶ Resettable CKT Breaker peace of mind
- ▶ Intellicharge management
- ▶ Noiseless operation



CURVE HB HUPS SERIES

Parameter		Technical Specification						
Model		HB700	HB800	HB900	HB1000	HB1100	HB1200	HB1400
Rating		600VA	700VA	800VA	900VA	950VA	1050VA	1200VA
Input Voltage	INV Mode	90-295V AC±10V						
	UPS Mode	180-265V AC±10V						
Output Voltage on Mains mode		Same as Input						
Output Voltage on UPS mode		220V±12%						
Output frequency on UPS mode		50 Hz±0.1 Hz						
Changeover		Automatic						
Battery Charging Current	NC	12A ± 3A						
	HC	15A ± 3A						
Battery Charging Cut off Voltage	TUB/STD(Boost)	14.5V ± 0.3V/14.2V ± 0.3V						
	TUB/STD(Float)	14.1V ± 0.3V/13.8V ± 0.3V						
Charger Topology		CCCV						
Running Load		40A ± 2A	46A ± 2A	52A ± 2A	58A ± 2A	62A ± 2A	67A ± 2A	76A ± 2A
Overload		44A ± 2A	50A ± 2A	56A ± 2A	62A ± 2A	66A ± 2A	70A ± 2A	80A ± 2A
Battery Low Alarm		10.8V ± 0.2V DC						
Battery Low Shutdown		10.5V ±0.2V DC						
Efficiency		>80%						
Technology		High End Micro Controller based design						
UPS transfer time		<15ms						
Auto Reset Feature		Available						
Display		Available						
Temperature Protection		Available						
Operating Temperature		-10°C to 45°C						

LI-ELECTROGEN HUPS SERIES

- Compact design supported by Microchip ensures high reliability
- LiFepo4 Battery bank inside
- Usain Bolt charging
- Develops gravity faster among its peers
- Zero Volt Battery Pickup
- Resettable CKT Breaker peace of mind
- Noiseless operation
- Pollution free/Environment friendly
- >2000 life cycle with complete charge & Discharge
- Ready to fit portable model with handle



Inbuilt Lithium Battery

Why Lithium Ion ?

- Compared with traditional battery technology, lithium ion batteries charge faster, last longer and have a higher power density for more battery life in a lighter package. When you know a little about how they work, they can work that much better for you.
- It charges fast for convenience and slow for longevity.
- It makes charging easier.
- Low Self Discharge
- Low Maintenance

TECHNICAL SPECIFICATION

Parameter	Specification				
Model	LI 700		LI900	LI1100	LI1300
Capacity	600VA		800VA	950VA	1150VA
Input Voltage	INV Mode	90-295V AC ± 10V			
	UPS Mode	180-265V AC ± 10V			
Output Voltage on Mains mode	Same as Input				
Nominal DC Voltage	12.8VDC(LFP)				
Output Voltage on UPS mode	220V ± 12%				
Output frequency on UPS mode	50 Hz ± 0.1 Hz				
Changeover	Automatic				
Output waveform on mains mode	Same as Input				
Output waveform on UPS mode	Modified Square wave				
Battery Capacity	550WH/775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	
Battery Charging Current	15A ± 3A				
Battery Charging Cut off Voltage	14.6V ± 0.2V				
Charger Topology	CCCV				
Running Load(Bulb)	510W		665W	775W	945W
Battery Low Alarm	11.2V ± 0.2V DC				
Battery Low Shutdown	10.8V ± 0.2V DC				
Efficiency	>80%				
Technology	High End Micro Controller based design				
UPS transfer time	<15ms				
Auto Reset Feature	Available				
Display	Available				
Temperature Protection	Available				
Operating Temperature	-10 ⁰ C to 45 ⁰ C				

Advantages of Lithium Battery over Lead Acid Battery



High Energy
Density



Fast Charging
Application



Wide Operating
Temperature



No Money
Effect



Environment
Friendly



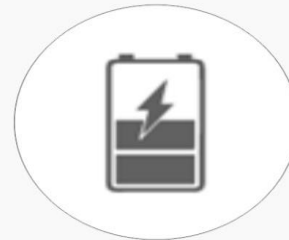
Long
Storage Life



No Maintenance
Required



Customizable
Shape & Size

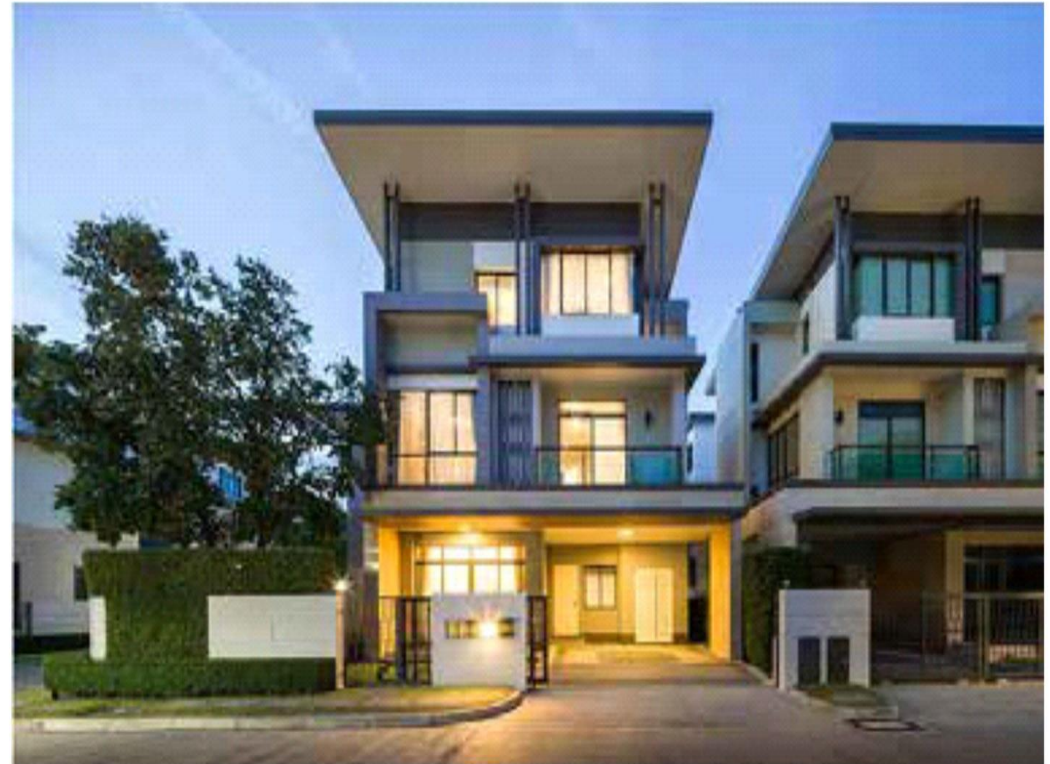


Efficient battery
with True Capacity



Light Weight &
Small in Size

Applications



Capacity Test 100 AH

CHARACTERISTICS	Flooded Lead Acid	VRLA	Tubular/ Gel Tubular	9 Energy LiFePO4	Benefits of LiFePO4
Voltage	12V (2V Per Cell)	12V (2V Per Cell)	12V (2V Per Cell)	12.8V (3.2V Per Cell)	More Power
Avg. Life Cycle @ 80% DOD	500	400	1000	3000	Long Avg. Life 7-10 Years
Avg. Life Cycle @ 50% DOD	900	800	1400	5000 >10 Years	6-10 Times More Life
Capacity Test @ C1 (27°C Temp.)	72AH	62AH	70AH	100AH	Constant Power and Energy at any Rate of Discharge
Capacity Test @ 0°C Temp.	50%	68%	68%	90%	Superior cold temp. performance
Charge Time	6-12Hrs	6-12Hrs	6-12Hrs	1-3Hrs	4-6 Times Faster
Fast Charge Ability	NO	NO	NO	Good	Outstanding overcharge tolerance and safer performance
Recharge Method	Boost / Float Charge	Boost / Float Charge	Boost / Float Charge	CC/CV, Float Charge	CC/CV Charging mode is effective way to charge
Intelligence Inbuilt Protection	None	None	None	BMS	Keeps Battery Healthy & Increase Life & Performance
Regular Maintenance	High	Low	Low	None	No Maintenance
Assembly Flexibility	Standard Blocks	Standard Blocks	Standard Blocks	Any Shape	Customize to any Shapes according to the needs
Weight (Estimated)	30Kg	32.7Kg	35Kg	13.5Kg	≤ 1/2 Weight
Installation Direction	Top need to be Upside	Top need to be Upside	Top need to be Upside	Any Direction	Keep on Any Position or Layout
Energy Density	80 Wh/Kg	-		130Wh/Kg	High energy density - compact and lightweight
Self Discharge @ 20°C in a month	10% To 15%	8% to 10%	8% to 10%	0.5% to 2%	Extremely Low Self Discharge

PWM PCU HUPS

- Micro controller based compact design supported by microchip
- Develops gravity faster among its peers
- Zero volt battery pickup
- Resettable CKT Breaker peace of mind
- Intellicharge management
- Noiseless operation
- PWM Solar Charge controller inside
- PCU Features Enabled



TECHNICAL SPECIFICATION

CURVE PWM HB HUPS SERIES

Parameter	Specification							
Model	PWM	PWM HB700	PWM HB800	PWM HB900	PWM HB1000	PWM HB1100	PWM HB1200	PWM HB1400
Rating		600VA	700VA	800VA	900VA	950VA	1050VA	1200VA
Input Voltage	INV Mode	90-295V AC±10V						
	UPS Mode	180-265V AC±10V						
Output Voltage on Mains mode		Same as Input						
Output Voltage on UPS mode		220V±12%						
Output frequency on UPS mode		50 Hz±0.1 Hz						
Changeover		Automatic						
Solar Charger controller		PWM BASED						
Solar Charge Controller Capacity		20AMP	20AMP	20AMP	20AMP	30AMP	30AMP	30AMP
Solar panel Voltage(VOC)		MAX UPTO 22V DC						
Battery Charging Current	NC	12A ± 3A						
	HC	15A ± 3A						
Battery Charging Cut off Voltage	TUB/STD(Boost)	14.5V ± 0.3V/14.2V ± 0.3V						
	TUB/STD(Float)	14.1V ± 0.3V/13.8V ± 0.3V						
Charger Topology		CCCV						
Running Load		40A ± 2A	46A ± 2A	52A ± 2A	58A ± 2A	62A ± 2A	67A ± 2A	76A ± 2A
Overload		44A ± 2A	50A ± 2A	56A ± 2A	62A ± 2A	66A ± 2A	70A ± 2A	80A ± 2A
Battery Low Alarm		10.8V ± 0.2V DC						
Battery Low Shutdown		10.5V ±0.2V DC						
Efficiency		>80%						
Technology		High End Micro Controller based design						
UPS transfer time		<15ms						
Auto Reset Feature		Available						
Display		Available						
Temperature Protection		Available						
Operating Temperature		-10°C to 45°C						

TECHNICAL SPECIFICATION

CURVE MPPT HB HUPS SERIES

Parameter	Specification							
Model	MPPT	MPPT HB700	MPPT HB800	MPPT HB900	MPPT HB1000	MPPT HB1100	MPPT HB1200	MPPT HB1400
Rating		600VA	700VA	800VA	900VA	950VA	1050VA	1200VA
Input Voltage	INV Mode	90-295V AC±10V						
	UPS Mode	180-265V AC±10V						
Output Voltage on Mains mode		Same as Input						
Output Voltage on UPS mode		220V±12%						
Output frequency on UPS mode		50 Hz±0.1 Hz						
Changeover		Automatic						
Solar Charger controller		MPPT BASED						
MPPT Capacity		20AMP	20AMP	20AMP	20AMP	30AMP	30AMP	30AMP
Solar panel Voltage(VOC)		MAX UPTO 22V DC						
Battery Charging Current	NC	12A ± 3A						
	HC	15A ± 3A						
Battery Charging Cut off Voltage	TUB/STD(Boost)	14.5V ± 0.3V/14.2V ± 0.3V						
	TUB/STD(Float)	14.1V ± 0.3V/13.8V ± 0.3V						
Charger Topology		CCCV						
Running Load		40A ± 2A	46A ± 2A	52A ± 2A	58A ± 2A	62A ± 2A	67A ± 2A	76A ± 2A
Overload		44A ± 2A	50A ± 2A	56A ± 2A	62A ± 2A	66A ± 2A	70A ± 2A	80A ± 2A
Battery Low Alarm		10.8V ± 0.2V DC						
Battery Low Shutdown		10.5V ±0.2V DC						
Efficiency		>80%						
Technology		High End Micro Controller based design						
UPS transfer time		<15ms						
Auto Reset Feature		Available						
Display		Available						
Temperature Protection		Available						
Operating Temperature		-10°C to 45°C						

TECHNICAL SPECIFICATION

LI-ELECTROGEN PWM HUPS SERIES

Parameter	Specification				
Model	PWM	PWM LI700	PWM LI900	PWM LI1100	PWM LI1300
Capacity		600VA	800VA	950VA	1150VA
Input Voltage	INV Mode	90-295V AC±10V			
	UPS Mode	180-265V AC±10V			
Output Voltage on Mains mode		Same as Input			
Nominal DC Voltage		12.8VDC(LFP)			
Output Voltage on UPS mode		220V±12%			
Output frequency on UPS mode		50 Hz±0.1 Hz			
Changeover		Automatic			
Solar Charger controller		PWM BASED			
Solar Charge Controller Capacity	As Per Battery Capacity	20AMP	20AMP	20AMP/30AMP	20AMP/30AMP
Solar panel Voltage(VOC)		MAX UPTO 22V DC			
Output waveform on mains mode		Same as Input			
Output waveform on UPS mode		Modified Square wave			
Battery Capacity		775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH
Battery Charging Current		15A ± 3A			
Battery Charging Cut off Voltage		14.6V ± 0.2V			
Charger Topology		CCCV			
Running Load (Bulb)		510W	665W	775W	945W
Battery Low Alarm		11.2V ± 0.2V			
Battery Low Shutdown		10.8V ±0.2V			
Efficiency		>80%			
Technology		High End Micro Controller based design			
UPS transfer time		<15ms			
Auto Reset Feature		Available			
Display		Available			
Temperature Protection		Available			
Operating Temperature		-10°C to 45°C			

TECHNICAL SPECIFICATION

LI-ELECTROGEN MPPT HUPS SERIES

Parameter	Specification				
Model	MPPT	MPPT LI700	MPPT LI900	MPPT LI1100	MPPT LI1300
Rating		600VA	800VA	950VA	1150VA
Input Voltage	INV Mode	90-295V AC±10V			
	UPS Mode	180-265V AC±10V			
Output Voltage on Mains mode		Same as Input			
Nominal DC Voltage		12.8VDC(LFP)			
Output Voltage on UPS mode		220V±12%			
Output frequency on UPS mode		50 Hz±0.1 Hz			
Changeover		Automatic			
Solar Charger controller		MPPT BASED			
MPPT Capacity	As Per Battery Capacity	20AMP	20AMP	20AMP/30AMP	20AMP/30AMP
Solar panel Voltage(VOC)		MAX UPTO 22V DC			
Output waveform on mains mode		Same as Input			
Output waveform on UPS mode		Modified Square wave			
Battery Capacity		775WH/1KWH/1.3KW	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH	775WH/1KWH/1.3KWH
Battery Charging Current		15A ± 3A			
Battery Charging Cut off Voltage		14.6V ± 0.2V			
Charger Topology		CCCV			
Running Load (Bulb)		510W	665W	775W	945W
Battery Low Alarm		11.2V ± 0.2V			
Battery Low Shutdown		10.5V ±0.2V			
Efficiency		>80%			
Technology		High End Micro Controller based design			
UPS transfer time		<15ms			
Auto Reset Feature		Available			
Display		Available			
Temperature Protection		Available			
Operating Temperature		-10°C to 45°C			

Comparison Of PWM Charge Controller & MPPT Charge Controller

PWM Charge Controller

- ▶ PWM type is cheaper, and hence, commonly used for off-grid solar solutions in households and commercial applications. A 12V solar panel can charge a 12V battery. Two 12V panels wired in series, or a single 24V panel, is needed for a 24V battery bank, and so on.
- ▶ PWM requires you to match the voltage of the panel array to that of the battery bank. Otherwise, there will be a loss of charging power. And the greater the mismatch, the greater will be the loss of power. So, PWM is cheaper but comes with less flexibility and efficiency.

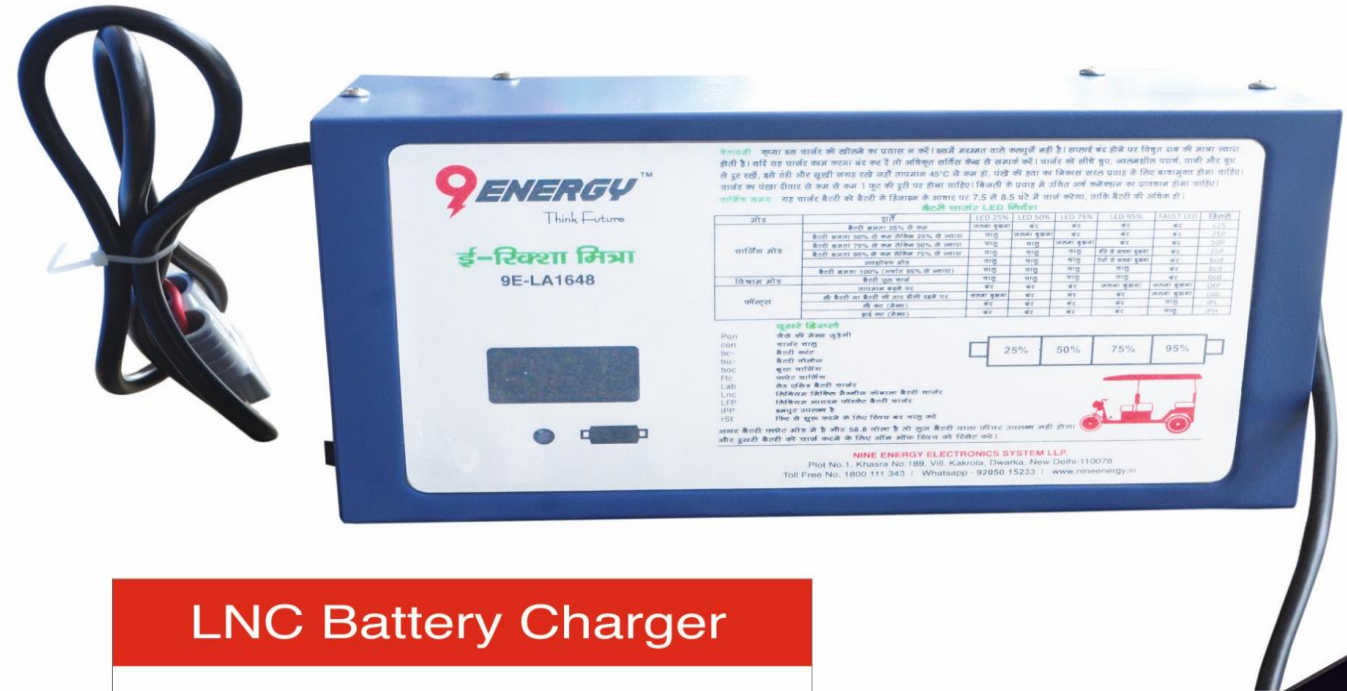
MPPT Charge Controller

- ▶ The MPPT controller allows a panel array to be of higher voltage than the battery bank. This is relevant for areas with low irradiation or during winter with fewer hours of sunlight.
- ▶ They provide an increase in charging efficiency up to 30% compared to PWM
- ▶ Greater flexibility for system growth. This is relevant for commercial establishments.
- ▶ They typically come with higher warranty periods than the PWM type

EV Charger Running Models

Lead Acid Battery Charger

- ▶ 9E LA-1248
- ▶ 9E LA-1648
- ▶ 9E LA-2148
- ▶ 9E LA-1260
- ▶ 9E LA-1660



Lithium Battery Charger

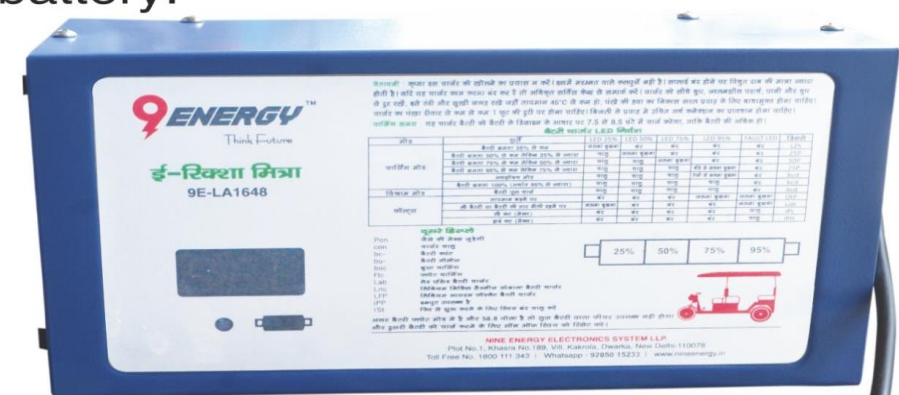
- ▶ 9E LI-1248
- ▶ 9E LI-1648
- ▶ 9E LI-2148
- ▶ 9E LI-1260
- ▶ 9E LI-1660

LNC Battery Charger

- ▶ 9E LNC-1648
- ▶ 9E LNC-2048

E-Rickshaw Charger

- ▶ Micro-controller based design using latest state-of-the-art Technology for Optimum Performance and Higher Reliability.
- ▶ Input Power Factor Corrector (PFC) having as high as 0.96.
- ▶ Wide AC input range 90V-300V makes it suitable to withstand the adverse Indian power conditions.
- ▶ Revive Deep Discharged Battery as Low as 6.25V per battery.
- ▶ Over-temperature Shutdown with auto recovery.
- ▶ Compact, Light-weight & Portable.
- ▶ On-board EMI/RFI fitter.
- ▶ In-built over voltage protection.
- ▶ Protection against Input Surge & Inrush Current.
- ▶ Smart status LED indication (Power On/Fault/Charging level).
- ▶ Smart status Display indication (Warning/Fault/Charging level/Charging current/Battery voltage etc.)
- ▶ Maximum charging time limit of 8 and a half hour provided.



Technical Specification- Lead acid E-Rickshaw charger

Model	9E LA-1248	9E LA-1648	9E LA-2148	9E LA-1260	9E LA-1660
	AC INPUT				
AC INPUT VOLTAGE- RANGE	90V AC - 300 AC				
AC INPUT POWER FACTOR	>0.95				
INPUT CURRENT PROTECTION	FUSE AS PER RATING				
FREQUENCY RANGE	40HZ-70HZ				
INPUT CURRENT(MAX)	6.5A	7.5A	9A	7.5A	9A
CONNECTOR TYPE	1.5 MTR ,3 CORE MAIN LEAD,3-PIN PLUG TOP				
	DC OUTPUT				
DC OUTPUT VOLTAGE-CONSTANT	63.5VDC±0.5VDC			79.5VDC±0.5VDC	
DC OUTPUT VOLTAGE-FLOAT	58.5VDC±0.5VDC			73VDC±0.5VDC	
DC OUTPUT CURRENT	12A±0.5A	16A±0.5A	21A±0.5A	12A±0.5A	16A±0.5A
DC OUTPUT CURRENT-DERATING	CURRENT DERATING 135V±10V ,CURRENT DERATING RECOVERY 145V ±10V				
DC RIPPLES	<2%				
EFFICIENCEY	>90%(TYPICAL 93%)				
DC OUTPUT LINE & LOAD REGULATION	TOLERANCE±2%				
CONNECTOR TYPE	ANDERSON CONNECTOR,2 CORE BATTERY WIRE,1.5MTR LENGTH				
	PROTECTION				
OUTPUT OVERVOLTAGE	AVAILABLE ,SOFTWARE LIMITED				
OUTPUT OVERCURRENT	AVAILABLE ,CONTROLLED BY CIRCUIT				
OVER TEMPERATURE SHUTDOWN	115°C @45°C AMBIENT				
OVER TEMPERATURE RECOVERY	75°C @45°C AMBIENT				
RUN TIME BATTERY DISCONNECT	AVAILABLE ,CONTROLLED BY CIRCUIT				
SHORTCIRCUIT	AVAILABLE ,CONTROLLED BY CIRCUIT				
REVERSE BATTERY	AVAILABLE ,CONTROLLED BY CIRCUIT				
DEEP DISCHARGED BATTERY PICKUP	AVAILABLE ,6.25V PER BATTERY				

LED Display & Indication

MODE	CONDITIONS	LED 25%	LED 50%	LED 75%	LED 95%	FAULT LED	DISPLAY
CHARGING MODE	BATTERY CAPACITY < 25%	BLINK	OFF	OFF	BLINK	OFF	L25
	BATTERY CAPACITY < 50% BUT > 25%	ON	BLINK	OFF	OFF	OFF	25P
	BATTERY CAPACITY < 75% BUT > 50%	ON	ON	BLINK	OFF	OFF	50P
	BATTERY CAPACITY < 95% BUT > 75%	ON	ON	ON	BLINK SLOW	OFF	75P
	ABSORPTION MODE	ON	ON	ON	BLINK FAST	OFF	bcd
	BATTERY CAPACITY 100% (ie. >95%)	ON	ON	ON	ON	OFF	bcd
REST MODE	BATTERY CHARGED	ON	ON	ON	ON	OFF	bcd
FAULTS	OVER TEMPERATURE	OFF	OFF	OFF	BLINK	BLINK	OtP
	LOW BATTERY OR LOOSE BATTERY WIRE	BLINK	OFF	OFF	OFF	BLINK	Lob
	LOW CUT (MAINS)	OFF	OFF	OFF	OFF	ON	iPL
	HIGH CUT (MAINS)	OFF	OFF	OFF	OFF	ON	iPH

Note : Mains LED will only be their in LED Model not available in 7 segment display model

Lithium Battery

Lithium Battery for Solar & Energy Storage Application

Model Name	12.8V 12AH	12.8V 30AH	12.8V 40AH	12.8V 80AH	12.8V 100AH	25.6V 80AH	48V80AH
Configuration	Cylindial (4S 2P)	Cylindial (4S 5P)	Prismatic (4S1P)	Prismatic (4S1P)	Prismatic (4S1P)	Prismatic (8S1P)	Prismatic(15S1P)
Cell Chemistry	LiFePo4(LFP)	LiFePo4(LFP)	LiFePo4(LFP)	LiFePo4(LFP)	LiFePo4(LFP)	LiFePo4	LiFePo4
Nominal Voltage	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V	48V
Nominal Capacity	12Ah	30Ah	40Ah	80Ah	100Ah	80Ah	80Ah
Cycle Life (Do D 80%)	`>2000Cycles	`>2000Cycles	`>2000Cycles	`>2000Cycles	`>2000Cycles	`>2000Cycles	`>2000Cycles
Energy Capacity	153.6Wh	384Wh	512Wh	1024Wh	1280Wh	2048Wh	3840Wh
Recommended Charging Voltage	14.5 + 0.1V	14.5 ± 0.1V	14.5 ± 0.1V	14.5 ± 0.1V	14.5 ± 0.1V	29.0 ± 0.2V	58.0 ± 0.4V
Recommended Charging Current	0.5C	0.5C	0.5C	0.5C	0.5C	0.5C	0.5C
Recommended Discharging Current	0.5C	0.5C	0.5C	0.5C	0.5C	0.5C	0.5C
Peak Discharge Current (3Sec)	3C	3C	3C	3C	3C	3C	3C
Operating Temperature	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C
Storage Temperature Range	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C

Lithium Ion Phosphate Battery



LFP Vs Other Batteries

Battery	LiFePo4(LFP)	LiCoO2(LCO)	LiMn2O4(LMO)	Li(NiCo)O2
Safety	Safest	Not stable	Acceptable	Not stable
Environmental Concern	Most Environmental Friendly	Dangerous	Acceptable	Dangerous
Cycle Life	Excellent	Acceptable	Acceptable	Acceptable
Power/Weight Density	Best	Good	Acceptable	Best
Long Term cost	Most Economic	High	Acceptable	High
Temperature Range	Excellent (-20 to 70°C)	Decay beyond -20 to 55°C	Decay Extremely fast after 50°C	Decay beyond -20 to 55°C

E-Rickshaw Battery

CUSTOMER BENEFITS

- Nine Energy Tubular & Flat Plate E-Rickshaw Battery provide a steady performance with affordable cost to the customer
- Product available in different warranty ranging from 6 months & 12 months
- Highly reliable compared to other flat plate batteries available in the market.
- Low Maintenance - Very low water topping up required in comparison to other brands
- Lowest per km cost, ensure more saving



E-Rickshaw Battery

E-RICKSHAW BATTERY

- Higher Run time/charge in comparison to other brands in Tubular & Flat Plate Technology segment
- Higher cycle life with advanced tubular technology under deep cycle application
- Vibration Resistant container and lid
- Each single cell is connected by a wall welding and battery has good consistency. Positive and negative active material are formulated with high efficiency active substances, which significantly increase the specific energy of the battery.
- Advanced plate curing and chemical conversion processes are used to increase the bonding force between the active material the grid to extend battery life
- The battery case and cover are made of PP material and the cover is heat-sealed to avoid leakage during battery use

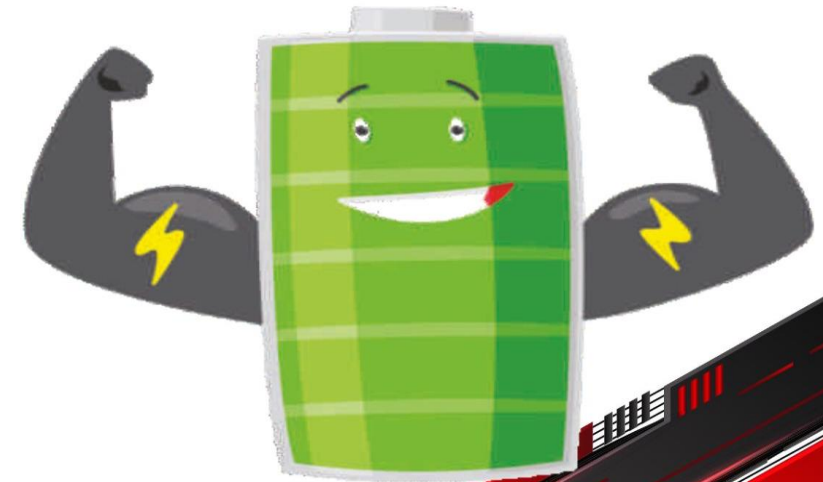
Model No.	Capacity @ C20	Nominal Voltage	Gross Weight +-3% (Kg.)	Warranty
NE 140006	120 AH	12V	31.5	6 Months



Lead Acid Battery

Nine Energy Battery Features

- 99.97% - 99.99% Pure lead
- Full capacity/True AH output
- 100% factory charged battery
- Hi-efficiency grid design made of Selenium/low Antimony alloy with grain refiners for low water loss, least corrosion long life
- Low self discharge
- Heavy duty terminals
- Ceramic water level management system with micro porous vent plugs for least environmental pollution & less topping up
- Rugged anti-corrosive additive for longer battery life
- Computerised formation for uniform quality and peak performance
- Container made of PP Co-polymer for strength & robustness
- More ribs on container for better strength
- Paper less warranty



Lead Acid Battery

Tubular Plates Features

- Tubular technology Deep cycle design suitable for longer power cuts
- Calcium alloy/ultra low maintenance and less topping-up
- PE separator - low electrical resistance, minimal self discharging & high porosity
- Cell partition welded with short electrical path for low internal resistance



Technical Features

Battery Model 12V	Capacity at C20 (Ah) @27°C	Overall Dimensions (mm) ±5			Charging Current (A)	Weight with Acid (kg)	Warranty (month) + Prodata
		Length	Width	Height			
Virtual NE 16018	160	500	220	290	10	52	18+12
Virtual NE 18024	180	500	220	290	10	56	24+06
Legendary 18030	180	500	185	420	10	60	30+30
Legendary 18036	180	500	185	420	10	61	36+24
Legendary 20030	200	500	185	420	10	61	30+30
Generic 15024	150	500	185	420	10	55	24+24
Generic 16536	165	500	185	420	10	60	36+24
Venture 20036	200	500	185	420	11	68	36+24
Venture 23036	230	500	185	420	11	67	36+12
Venture 26036	260	500	185	420	11	68	36+24
Solaire 15036	150	500	185	420	10	60	36+24
Solaire 20036	200	500	185	420	11	65	36+24
Solaire 15060	150	500	185	420	10	62	60+00
Solaire 20060	200	500	185	420	11	68	60+00

Thanks for your Attention

Feel free to raise your hand anytime
incase of enquiry

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