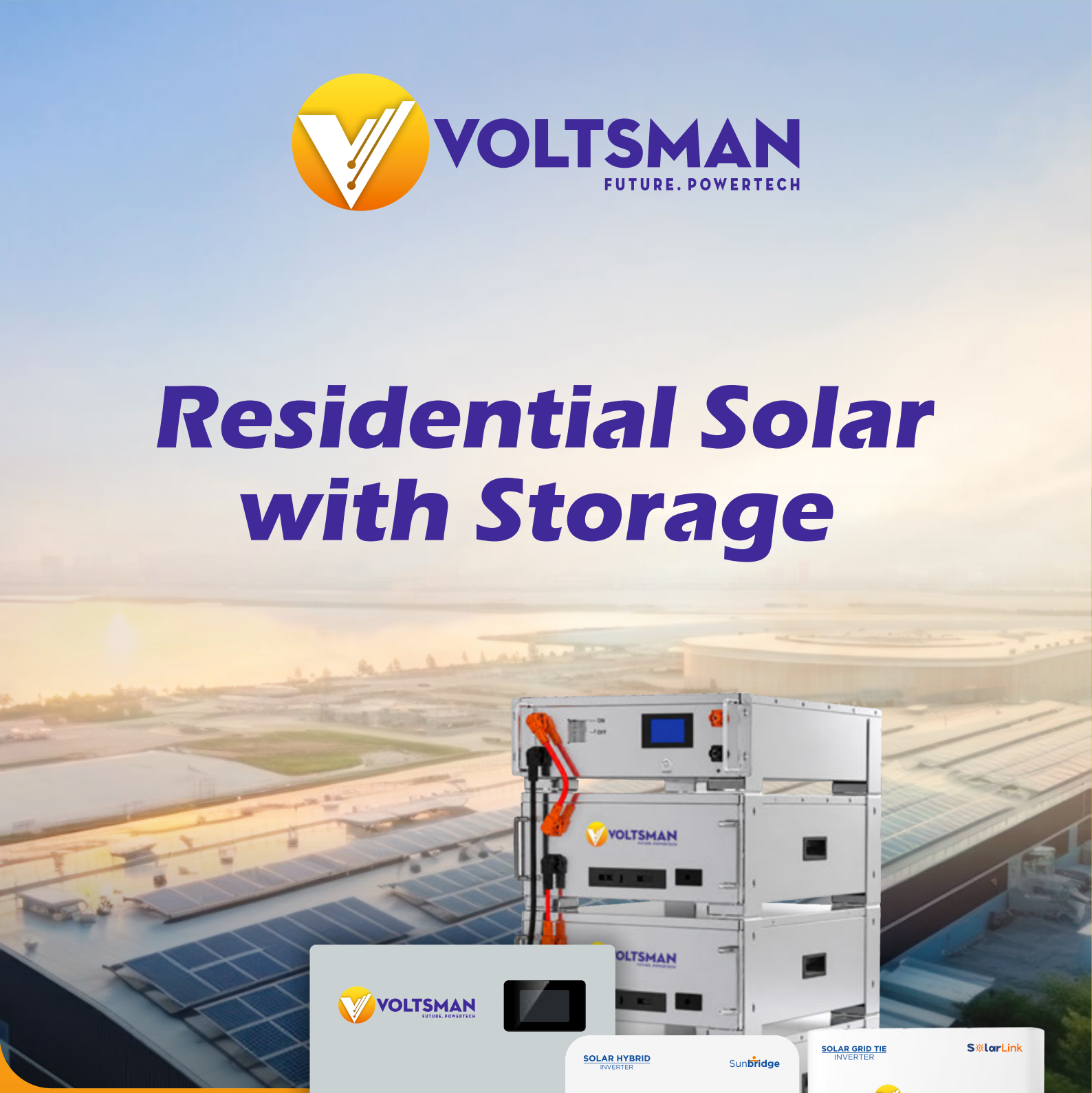
VOLTSMAN
FUTURE. POWERTECH

Residential Solar with Storage



VM|C|04022026

www.voltsman.in

VOLTSMAN
FUTURE. POWERTECH

Eastman®

Voltsman — A brand of Eastman

Backed by two-plus decades of trust in energy transition solutions,
built for the future of clean energy.

Why VOLTSMAN?

Customer-centric craftsmanship, Value, Quality, Warranty, and Peace of Mind.

Quality as a Priority
Maintaining high standards at every stage to ensure reliable and consistent performance.

Maximum Value for Money
Delivering premium quality and dependable performance at a competitive price.

Consumer-Centric Craftsmanship
Designed with customer needs in mind, ensuring convenience, reliability and satisfaction.

Best-in-Class Warranty
Offering assured product support and long-term confidence with excellent warranty coverage.

Peace of Mind
Providing reliable solutions for a worry-free experience and lasting confidence.

What's Inside

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Forever Forward.

For India, Its People and What Comes Next

ENERGY TRANSITION COMPANY

Purpose-built to move India and its people permanently forward.

We operate at the intersection of where energy access meets everyday life: last mile e-mobility that puts livelihoods in motion, Residential Solar with Storage that brings energy independence to homes and businesses and advanced electronics manufacturing that builds the technological backbone of a cleaner economy.

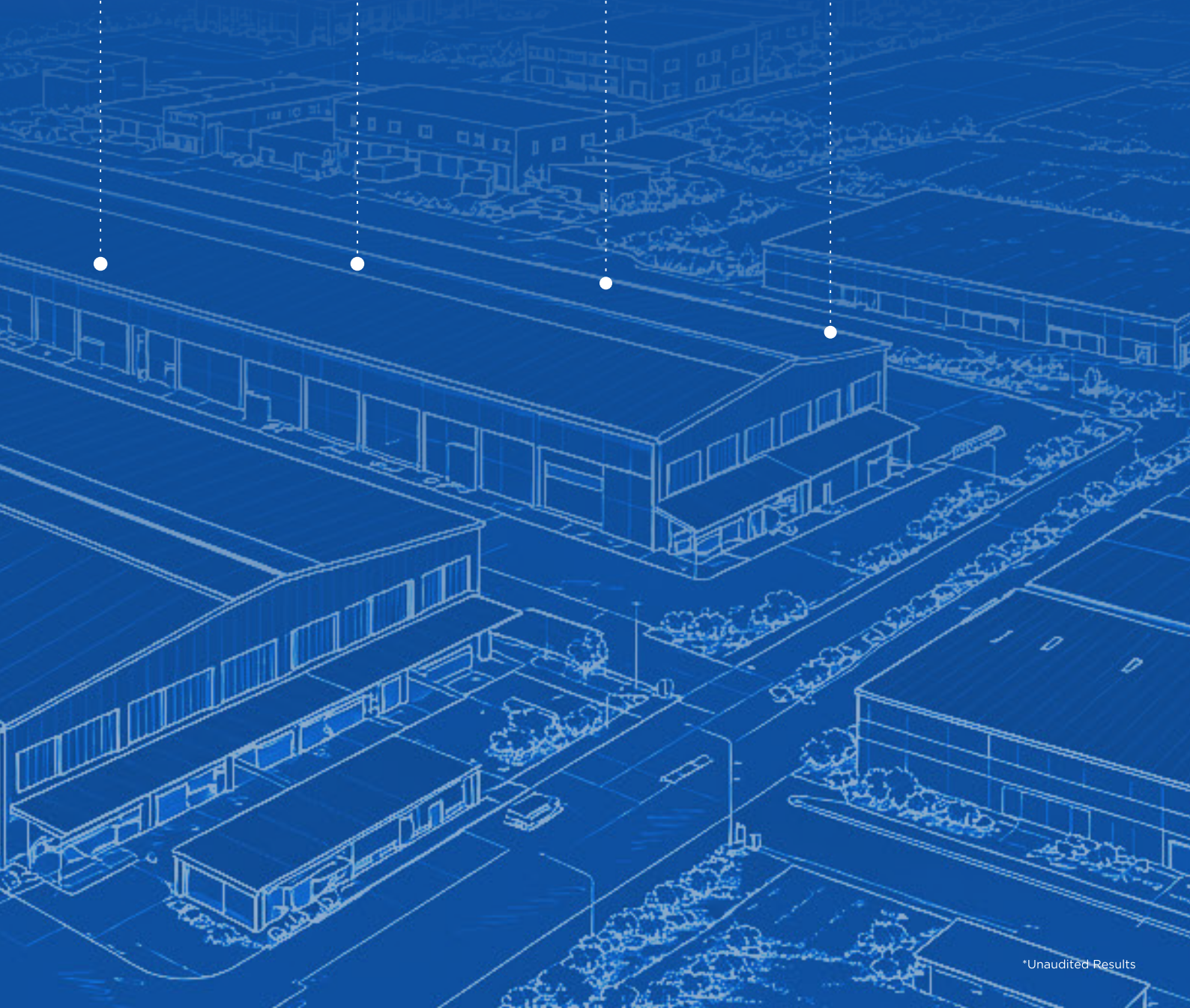


₹5758 Cr.*
FY25-26 Turnover

CAGR 31%
Last 4 Fiscal Years

Over **4100+**
Employees

1900+
Distributors



*Unaudited Results

Solar Grid Tie Inverter

SolarLink





10 YEARS* WARRANTY

Ranges:

2 kW - 6 kW (Single Phase)

Powered By:

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*T&C Apply

Solar Grid Tie Inverter

Powered By: Eastman Intelligence

Voltsman Solar Grid Tie Inverters (Single Phase & Three Phase) are high-efficiency solar inverters ranging from 2 kW to 6 kW, designed for homes and industrial setups. They seamlessly sync with the utility grid, feeding excess power back and reducing electricity bills to near zero — making them perfect for PM Suryaghar Muft Bijli Yojana, India's flagship rooftop solar subsidy scheme that offers up to ₹78,000 subsidy for eligible households.

Monitor your entire solar system anytime via the EastmanONE App — track generation, consumption, faults, and savings in real time, with all data securely stored on Indian servers. Backed by a 10-year warranty for complete peace of mind.



Ranges:

2 kW - 6 kW (Single Phase)

Reliability
Life. Uninterrupted.

Wide Temperature Range- Operates from -25°C to +60°C

Works perfectly in hot summers and cold winters — the weather never affects solar system performance.

Type II Surge Protection Built-in on Both DC & AC Sides

Keeps System protected from lightning and grid spikes – from both Solar Side & Grid Side — no extra device needed.

EastmanONE App & IOT Enabled System- Data Stored on Indian Servers

Monitor Electricity generation, faults and alerts from the EastmanONE Mobile App. Data stays safe in India.

Total Cost of Ownership
A Lifetime of Value

Low Startup Voltage

Starts generating electricity earlier in the morning and continues later in the evening – More free electricity everyday.

High DC Input Voltage

Allowing more panels per string - meaning less cabling, lower installation cost and higher system efficiency.

High AC Output Current

Runs all your appliances together — nothing slows down, even when everything is on.

*T&C Apply

Solar Grid Tie Inverter (Single Phase)

Powered By: Eastman Intelligence

Technical Specifications:

PARAMETER	VGTI-2K-1P1M	VGTI-3K-1P1M	VGTI-3.6K-1P1M
Max. DC Power (W)	3000	4500	5400
Max. DC Voltage (V)	550	550	550
MPPT Voltage Range (V)	50-500	50-500	50-500
Rated Input Voltage (V)	330	330	330
Start-up Voltage (V)	50	50	50
Max. Input Current (A)	18	18	18
Max. Short Current (A)	20	20	20
No. of MPPT	1	1	1
Max. AC Output Apparent Power (VA)	2200	3300	3960
Nominal Ac Output Active Power (W)	2000	3000	3600
Max. Output Current (A)	9.6	15	17.3
Nominal Output Voltage (V)	230	230	230
Grid Voltage Range (V)	160-285	160-285	160-285
Nominal Output Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz
Grid Frequency Range (Hz)	45-55Hz/54-64Hz	45-55Hz/54-64Hz	45-55Hz/54-64Hz
Grid Connection Form	L+N+PE	L+N+PE	L+N+PE
Protection on Degree	IP65	IP65	IP65
Communication interface	RS485 / WiFi / Wire Ethernet / GPRS (optional)		

Technical Specifications:

PARAMETER	VGTI-4K-1P1M	VGTI-5K-1P2M	VGTI-6K-1P2M
Max. DC Power (W)	6000	7500	9000
Max. DC Voltage (V)	550	550	550
MPPT Voltage Range (V)	50-500	70-500	70-500
Rated Input Voltage (V)	330	330	330
Start-up Voltage (V)	50	50	50
Max. Input Current (A)	18	18 x 2	18 x 2
Max. Short Current (A)	20	20 x 2	20 x 2
No. of MPPT	1	2	2
Max. AC Output Apparent Power (VA)	4400	5500	6600
Nominal Ac Output Active Power (W)	4000	5000	6000
Max. Output Current (A)	19.2	25	28.7
Nominal Output Voltage (V)	230	230	230
Grid Voltage Range (V)	160-285	160-285	160-285
Nominal Output Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz
Grid Frequency Range (Hz)	45-55Hz/54-64Hz	45-55Hz/54-64Hz	45-55Hz/54-64Hz
Grid Connection Form	L+N+PE	L+N+PE	L+N+PE
Protection on Degree	IP65	IP65	IP65
Communication interface	RS485 / WiFi / Wire Ethernet / GPRS (optional)		

Note: As part of regular product updates, specifications may be revised without prior notification.

Solar Hybrid Inverter (IP65)
Low Voltage (Single Phase)





10 YEARS* WARRANTY

Models:

3 kW, 5 kW - Single Phase (LV)

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Solar Hybrid Inverter (IP65) - Low Voltage

Powered By: Eastman Intelligence

The Voltsman Solar Hybrid Inverter (IP65) - available from 3 kW to 5 kW - is purpose-built for India's demanding power environment. Designed to withstand extreme heat, dust, humidity and monsoon conditions, its IP65-rated enclosure ensures all-weather reliability. It intelligently manages solar PV, battery bank and grid (DISCOM) making it ideal for frequent power cuts and voltage fluctuations common across Indian households and shops. It prioritizes solar self-consumption, reduces electricity bills during peak tariff hours and switches to backup mode in under 10 ms during Power Outages - ensuring uninterrupted power for critical appliances like fans, pumps and refrigerators.

It also comes with remote monitoring through the EastmanONE App, ensuring you can monitor your Solar Energy System from anywhere.



Models:

3 kW, 5 kW - Single Phase (Low Voltage)

Reliability
Life. Uninterrupted.

Max Charging/Discharging Current

Battery Charges fast and gives back every bit of stored power when you need it.

Connect Up to 10 Units in Parallel

Need more Capacity? Just add on Inverters— no need to remove or replace what you already have.

Type-II SPD Enabled AC and DC side

Keeps System remains protected from lightning and grid spikes – from both Solar Side & Grid Side — no extra device needed.

Total Cost of Ownership
A Lifetime of Value

Delivering Full Power at Low Voltage

Produces power from early morning to late evening — giving more hours of free electricity every day.

Double MPPT - Two Independent Maximum Power Point Trackers (MPPT)

More electricity from every corner of your roof. Shading on one side does not affect the other and keeps the system protected, even if one tracker has a problem.

Maximum PV Input Voltage

Allowing more panels per string - meaning less cabling, lower installation cost and higher system efficiency

Technical Specification (Single Phase)

PV Input	VSHY-3KW-L-1P	VSHY-5KW-L-1P
Max. Input Power (kW)	4.5	7.5
Max. PV Voltage (V)	550	
MPPT Range (V)	90 - 500	100 - 500
Full MPPT Range (V)	90 - 500	150 - 500
Normal Voltage (V)	360	
Startup Voltage (V)	80	
Max. Input Current (A)	18.5 x 2	
Max. Short Current (A)	26 x 2	
No. of MPP Tracker / No. of PV Strings	2 / 2	
Battery Port		
Max. Charge/Discharge Power (kW)	3.0	5.0
Max. Charge/Discharge Current (A)	80	120
Battery Normal Voltage (V)	51.2	
Battery Voltage Range (V)	40 - 60	
Battery Type	Li-ion/Conventional Tubular Batteries etc.	
AC Grid		
Max Continuous Current (A)	15/14.4	25/24
Max Continuous Power (kVA)	3.3	5.5
Nominal Grid Current(A)	13.7/13.1	22.8/21.8
Nominal Grid Voltage (V)	198 to 242 @ 220 / 207 to 253 @ 230	
Nominal Grid Frequency (Hz)	50 / 60	
Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)	
Current THD (%)	< 3	
AC Load Output		
Max Continuous Current (A)	15/14.4	25/24
Max Continuous Power (kVA)	3.3	5.5
Rated Continuous Power (kW)	3	5.0
Nominal AC Current (A)	13.7 / 13.1	22.8 / 21.8
Nominal Grid Voltage/Range (V)	198 to 242 @ 220 / 207 to 253 @ 230	
Nominal AC Frequency (Hz)	50 / 60	
Switching Time (ms)	Seamless	
Voltage THD (%)	< 3	
Efficiency		
CEC Efficiency (%)	97.0	
Max. Efficiency (%)	97.6	
MPPT Efficiency (%)	>99.0	
Protection		
PV Reverse Polarity Protection	Yes	
Over Current/Voltage Protection	Yes	
Anti-Islanding Protection	Yes	
AC Short Circuit Protection	Yes	
Residual Current Detection	Yes	
Ground Fault Monitoring	Yes	
Insulation Resister Detection	Yes	
PV Arc Detection	Yes	
Enclosure Protect Level	IP65 / NEMA4X	
General Data		
Product Dimension (L x W x H) in mm	370 x 513 x 192	
Net Weight (kg)	18	20
Topology	Transformerless	
Cooling	Natural Convection	Intelligent Fan
Relatively Humidity	0 - 100 %	
Operating Temperature Range (°C)	- 25 to 60	
Operating Altitude (m)	< 4000	
Noise Emission (dB)	< 25	
Stand by Consumption (W)	< 10	
Mounting	Wall Bracket	
Communication Interface	RS485	
Monitor Mode	LCD, LED, RS485, CAN Wi-Fi, GPRS (Optional), 4G (Optional)	

Note: As part of regular product updates, specifications may be revised without prior notification.

*T&C Apply

Solar Hybrid Inverter (IP65)
Low Voltage (Three Phase)





10
YEARS* WARRANTY

Models:

5 kW, 10 kW - Three Phase (LV)

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Solar Hybrid Inverter (IP65) - Low Voltage

Powered By: Eastman Intelligence

The Voltsman Solar Hybrid Inverter (IP65) — available from 5 kW to 10 kW - is purpose-built for India's demanding power environment. Designed to withstand extreme heat, dust, humidity and monsoon conditions, its IP65-rated enclosure ensures all-weather reliability. It intelligently manages solar PV, battery bank and grid (DISCOM) making it ideal for frequent power cuts and voltage fluctuations common across Indian households and shops. It prioritizes solar self-consumption, reduces electricity bills during peak tariff hours and switches to backup mode in under 10 ms during Power Outages — ensuring uninterrupted power for critical appliances like fans, pumps and refrigerators.

It also comes with remote monitoring through the EastmanONE App, ensuring visibility of your Solar Energy System from anywhere.



Models:

5 kW, 10 kW - Three Phase (Low Voltage)

Reliability
Life. Uninterrupted.

High Charging & Discharging current

Battery Charges fast and gives back every bit of stored power when you need it.

IP65 Enclosure

Install it on your terrace or outside wall without worry - rain, dust and humidity won't affect performance.

Peak Power Surge handling

No more tripping when your AC or pump starts - the inverter absorbs the startup shock so your system stays stable.

Total Cost of Ownership
A Lifetime of Value

Higher Efficiency: 97.60%

Waste very little Electricity during conversion - Almost everything Solar panels make actually reaches your home.

Maximum DC Overloading: 30%

Takes in 30% more power from solar panels - It charges the battery faster and provides backup when you need it most.

Double MPPT — Two Independent Maximum Power Point Trackers

More electricity from every corner of your roof, shade on one side never hurts the other. System keeps running even if one tracker has a problem.

Technical Specification (Three Phase)

Model	VHY-5KW-3P	VHY-10KW-3P
Battery Input Data		
Battery Type	Conventional Tubular Battery or Lithium-ion	Conventional Tubular Battery or Lithium-ion
Battery Voltage Range(V)	40-60	40-60
Max. Charging Current(A)	120	210
Max. Discharging Current(A)	120	210
Charging Strategy for Li-ion Battery	Self-adaption to BMS	Self-adaption to BMS
Number of Battery Input	1	1
PV String Input Data		
Max. PV access power(W)	8000	20000
Max. PV Input Power(W)	6500	13000
Max. PV Input Voltage(V)	800	800
Start-up Voltage(V)	160	160
PV Input Voltage Range(Voc)	160-800	160-800
MPPT Voltage Range(Vmp)	200-650	200-650
Full Load MPPT Voltage Range(V)	350-650	350-650
Rated PV Input Voltage(V)	550	550
Max. Operating PV Input Current(A)	13+13	26+13
Max. Input Short-Circuit Current(A)	17+17	34+17
No. of MPPTrackers/No. of Strings MPP Tracker	2/1+1	2/1+1
AC Input/Output Data		
Rated AC Input/Output Active Power(W)	5000	10000
Max. AC Input/Output Apparent Power(VA)	5500	11000
Peak Power (off-grid)(W)	2 times of rated power, 10s	2 times of rated power, 10s
Rated AC Input/Output Current(A)	7.6/7.2	15.2/14.5
Max. AC Input/Output Current(A)	11.4/10.9	22.7/21.7
Max. Continuous AC Passthrough (grid to load)(A)	45	45
Max. Output Fault Current(A)	33.4	33.4
Max. Output Overcurrent Protection(A)	75	75
Rated Input/Output Voltage/Range(V)	220/380V, 230/400V	220/380V, 230/400V
Grid Connection Form	3L+N+PE	3L+N+PE
Rated Input/output Grid Frequency/Range	45Hz-55Hz / 55Hz-60Hz (according to local standard)	
Power Factor Adjustment Range	0.8 leading-0.8 lagging	0.8 leading-0.8 lagging
Total Current Harmonic Distortion THDi	<3% (of nominal power)	<3% (of nominal power)
DC Injection Current	<0.5%In	<0.5%In
Efficiency		
Max. Efficiency	97.60%	97.60%
Euro Efficiency	97.00%	97.00%
MPPT Efficiency	>99%	>99%
Equipment Protection		
DC Polarity Reverse Connection Protection	Yes	Yes
AC Output Overcurrent Protection	Yes	Yes
AC Output Overvoltage Protection	Yes	Yes
AC Output Short Circuit Protection	Yes	Yes
Thermal Protection	Yes	Yes
DC Terminal Insulation Impedance Monitoring	Yes	Yes
DC Component Monitoring	Yes	Yes
Ground Fault Current Monitoring	Yes	Yes
Arc fault circuit interrupter (AFCI)	Optional	Optional
Power Network Monitoring	Yes	Yes
Island Protection Monitoring	Yes	Yes
Earth Fault Detection	Yes	Yes
DC Input Switch	Yes	Yes
Overvoltage Load Drop Protection	Yes	Yes
Residual Current (RCD) Detection	Yes	Yes
Surge Protection Level	TYPE II(DC), TYPE II(AC)	TYPE II(DC), TYPE II(AC)

Note: As part of regular product updates, specifications may be revised without prior notification.

*T&C Apply

Solar Hybrid Inverter (IP65)
High Voltage (Three Phase)



Models:

5 kW, 10 kW, 15 kW

Three Phase (High Voltage)

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Solar Hybrid Inverter (IP65) **High Voltage** (Three Phase)

Powered By: Eastman Intelligence

The Eastman Solar Hybrid Inverter (IP65 - High Voltage) — available from 5 kW to 15 kW — is purpose-built for India's demanding power environment. Designed to withstand extreme heat, dust, humidity, and monsoon conditions, its IP65-rated enclosure ensures all-weather reliability. It intelligently manages solar PV, battery bank & grid (DISCOM), making it ideal for frequent power cuts and voltage fluctuations common across Indian households and shops.

It prioritises solar self-consumption, reduces electricity bills during peak tariff hours, and switches to backup mode in under 10 ms during Power Outages — ensuring uninterrupted power for critical appliances like fans, pumps and refrigerators.

It also comes with remote monitoring through the EastmanONE App, ensuring you can monitor your Solar Energy System from anywhere.



Models:

5 kW, 10 kW, 15 kW

Three Phase (High Voltage)

Reliability
Life. Uninterrupted.

IP65 Enclosure

Install it on your terrace or outside wall without worry — rain, dust, and humidity won't affect performance.

Fast Grid Switching

Your sensitive devices — computers, refrigerators and TV stay ON without a flicker or restart. True uninterrupted power at home.

Type-II SPD Enabled AC and DC side

Keeps System remains protected from lightning and grid spikes – from both Solar Side & Grid Side — no extra device needed.

Total Cost of Ownership
A Lifetime of Value

Low startup DC voltage

Starts generating electricity earlier in the morning and continues later in the evening – More free electricity everyday.

Double MPPT - Two Independent Maximum Power Point Trackers (MPPT)

More electricity from every corner of your roof. Shading on one side does not affect the other and keeps the system protected, even if one tracker has a problem.

Maximum DC Overloading 50%

Takes in 50% more power from solar panels — It charges the battery faster and provides backup when you need it most.

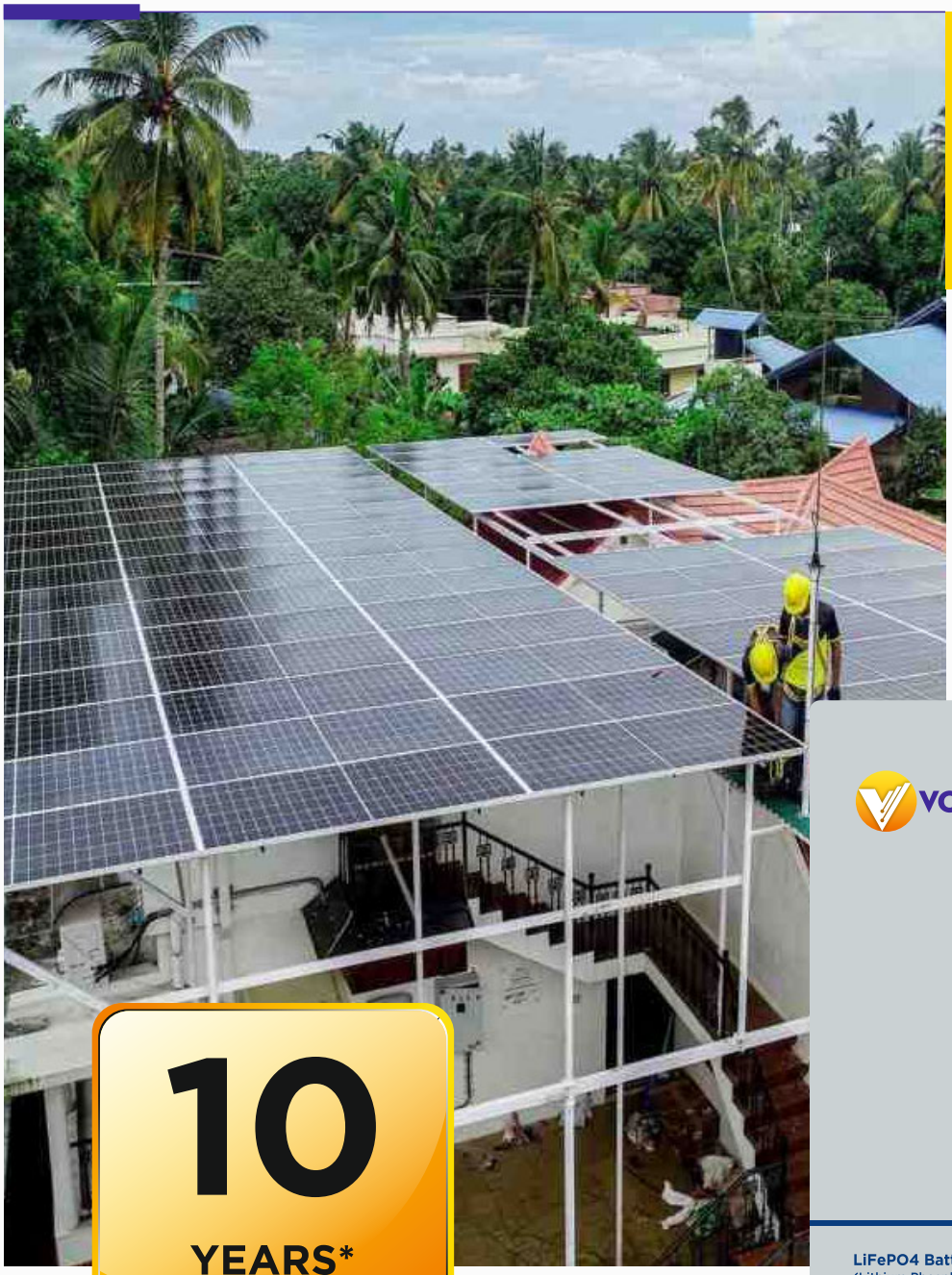
Technical Specification

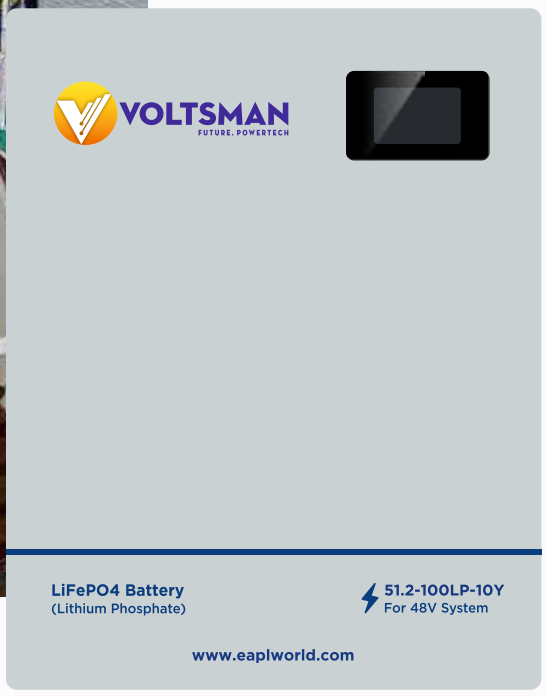
Model	VSHY-5KW-H-3P	VSHY-10KW-H-3P	VSHY-15KW-H-3P
PV Input			
Max. DC Input Power (kW)	7.5	15	22.5
Max. PV Voltage (V)	1000	1000	1000
Rated DC Input Voltage (V)	620	620	620
DC Input Voltage Range (V)	150-1000	150-1000	150-1000
MPPT Voltage Range (V)	160-850	160-850	160-850
Full MPPT Range (V)	200-850	350-850	500-850
Start-up Voltage (V)	150	150	150
Max. DC Input Current (A)	18.5 x 2	18.5 x 2	18.5 x 2
Max. Short Current(A)	25 x 2	25 x 2	25 x 2
No. of MPPT Tracker / Strings	2/2	2/2	2/2
Battery Port			
Battery Nominal Voltage (V)	350	350	500
Battery Voltage Range (V)	80-600	80-600	80-600
Max. Charge/Discharge Current (A)	30	30	30
Max. Charge/Discharge Power (kW)	5	10	15
Charging Curve	3 Stages	3 Stages	3 Stages
Compatible Battery Type	Li-ion / Conventional Tubular Battery / Sodium metal chloride battery		
AC Grid			
Max Continuous Current (A)	8.5A/ Ph	17A /Ph	27A/ Ph
Max Continuous Power (kVA)	5.5	11	16.5
Rated Continuous Power (kW)	5	10	15
Nominal Grid Current (A)	7.3A/ Ph	14.5A /Ph	21.8A/ Ph
Nominal Grid Voltage/Range (V)	3P+N+PE/3P+PE 230/400 / 260Vac-519Vac (according to local standard)		
Nominal Grid Frequency (Hz)	50 / 60	50 / 60	50 / 60
Grid Frequency Range	45-55Hz/55-65Hz (according to local standard)		
Power Factor	1 default (adjustable from 0.8 leading to 0.8 lagging)		
Current THD (%)	< 3	< 3	< 3
AC Load Output			
Max Continuous Current (A)	8.5A/ Ph	17A /Ph	27 A/ Ph
Max Continuous Power (kVA)	5.5	11	16.5
Rated Continuous Power (kW)	5	10	15
Nominal AC Current (A)	7.3A/ Ph	14.5A /Ph	21.8 A/ Ph
Nominal Grid Voltage (V)	3P+N+PE/3P+PE 230/400	3P+N+PE/3P+PE 230/400	3P+N+PE/3P+PE 230/400
Nominal AC Frequency (Hz)	50 / 60	50 / 60	50 / 60
Switching Time (ms)	<10	<10	<10
THDV (with linear load) (%)	<3%	<3%	<3%
Efficiency			
Europe Efficiency	97.50%	97.50%	97.50%
Max. Efficiency	98.00%	98.20%	98.30%
MPPT Efficiency	99.90%	99.90%	99.60%
Protection			
Reverse Polarity Protection	YES	YES	YES
Over Current / Voltage Protection	YES	YES	YES
Anti-islanding Protection	YES	YES	YES
AC Short-ciruit Protection	YES	YES	YES
Leakage Current Detection	YES	YES	YES
Ground Fault Monitoring	YES	YES	YES
Grid Monitoring	YES	YES	YES
Enclosure Protect Level	IP65	IP65	IP65
AC/DC Surge Protection	TYPE II	TYPE II	TYPE II

Note: As part of regular product updates, specifications may be revised without prior notification.

*T&C Apply

Solar Lithium Battery (LiFePO4)
Wall Mount





10 YEARS* WARRANTY

Models:
ES51.2-100LP-10Y
ES51.2-100LP

Powered By:
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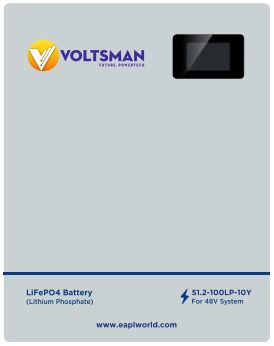
*T&C Apply

Solar Lithium Battery (LiFePO4) - Wall Mount

Powered By: Eastman Intelligence

Upgrade your energy storage with the Voltsman Wall Mounted & Floor mounted Lithium Phosphate (LiFePO4) Battery — a smart, space-saving solution crafted for modern homes and businesses. Sleek and compact, it can be easily mounted on any wall, helping you save valuable space. Stay informed with real-time operation status through the built-in LCD screen, giving you complete control and efficiency over your power needs.

Compatible with Voltsman Solar Hybrid Inverters, it offers deep cycle performance, longer lifespan and enhanced safety compared to conventional batteries. Perfect for India's frequent power cuts, it ensures reliable backup, maximises solar self-consumption and delivers uninterrupted power for all your essential energy requirements.



Reliability
Life. Uninterrupted.

Lighter in Weight - Easy to Handle & Install
No heavy lifting, no extra labour cost, no space hunting - it fits where you need it and moves when you do.

Eastman iConnect App - Monitoring
Check your battery's health on your Mobile - Charge status, fault alerts and diagnostics all in one place.

Smart BMS - Battery Management System
Ensures battery stays protected, performs at its best and lasts years longer.

Total Cost of Ownership
A Lifetime of Value

Longer Life
Lasts longer. Costs less over time - every rupee you spent keeps working far longer.

Maintenance-Free
Install it and forget about it. No maintenance visits, no consumable costs - the battery runs reliably on its own for years.

Scalable - Parallel Connection up to 15 Units
Add Batteries basis your needs: The same system scales up without replacing anything. Energy storage that grows with you.

Technical Specifications:

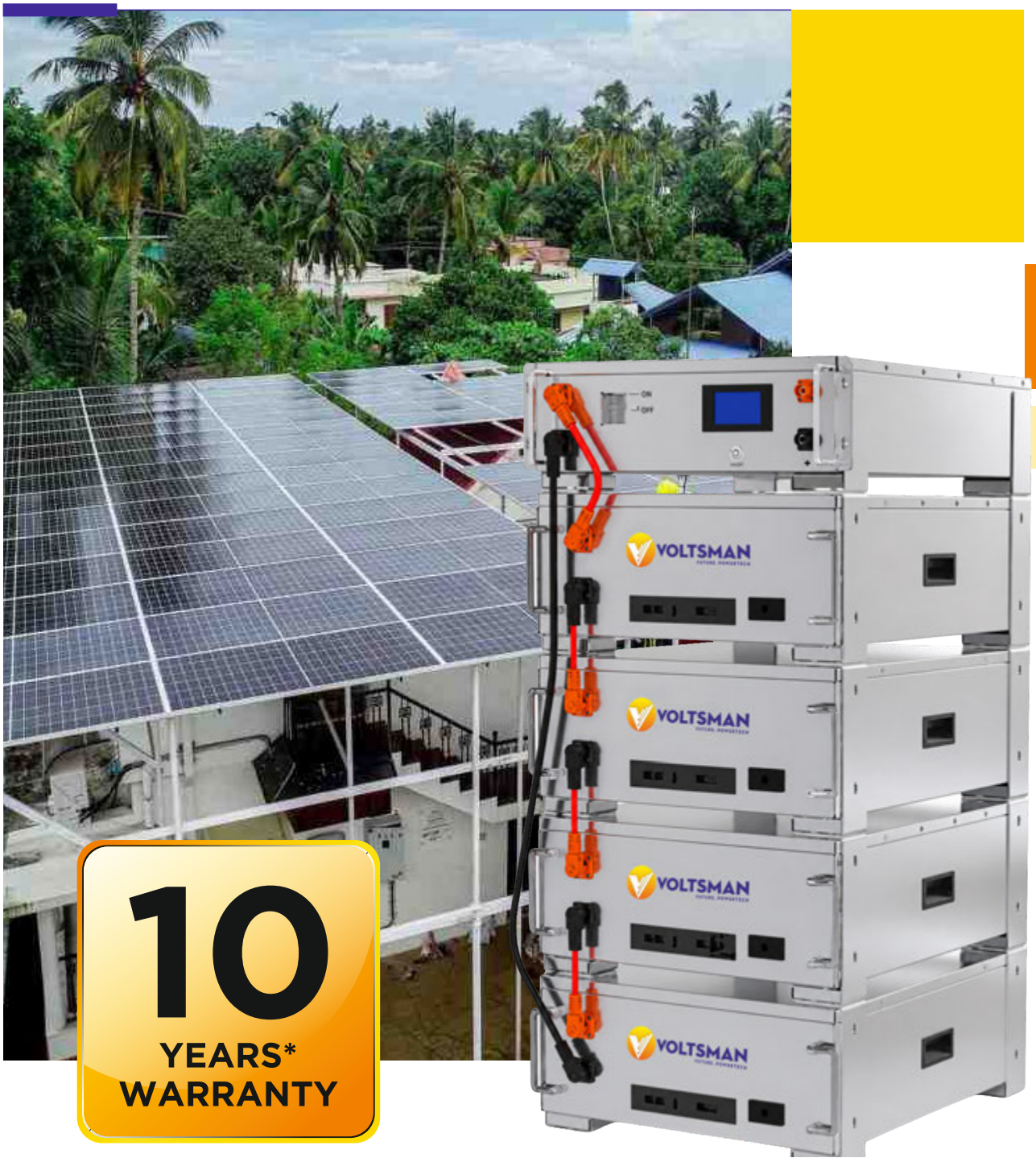
Product Model	ES51.2-100LP Wall Mount	ES51.2-100LP-10Y Wall Mount
Array Mode	16S	16S
Nominal Energy(kWh)	5.12	5.12
Nominal Voltage(V)	51.2	51.2
Charge Voltage(V)	58.4	58.4
Discharge Cut-off Voltage(V)	41.6	41.6
Rated Capacity(Ah)	100	100
Standard charging Current(A)	20	20
Max. Continuous Charging Current(A)	100	100
Max. Continuous Discharging Current(A)	100	100
Cycle Life	3000 Cycle, 80%DOD, 70%SOH	6000 Cycle, 70%DOD, 60%SOH
Communication Mode	RS485/CAN/RS232	
Parallel Connection	Yes, upto 15 units	
Operating Temperature	Charging: 0-60° C; Discharging: -10°C-65°C	
Size (LxWxH) mm	560*470*170	560*470*170
Net Weight (Kg)	~46	~46
Gross Weight (Kg)	~51	~51
Warranty	5 Years*	10 Years*
Altitude	≤4000m	≤4000m
Humidity	<90%RH	<90%RH
Shelf Temperature	10°C-60°C	10°C-60°C
Design Life	10+ Years at 25°C/77°F	10+ Years at 25°C/77°F
Certification	BIS 16270||IEC62619||CE||UN38.3||UN3480||MSDS	

Note: As part of regular product updates, specifications may be revised without prior notification.

Eastman Solar Lithium Batteries to be used with Hybrid Inverters

*Considering one cycle per day | T&C Apply

Solar Lithium Battery (LiFePO4)



10 YEARS* WARRANTY

Models:

ES204.8V-100BS to ES512V-100BS

(High Voltage Battery)

Powered By:

Eastman Intelligence

Eastman Intelligence - Powering Smart Connectivity to the external world, putting real-time data at your fingertips. Experience seamless access anytime, anywhere with the Eastman iConnect App.

*Considering one cycle per day | T&C Apply

Solar Lithium Battery (LiFePO4)

Powered By: Eastman Intelligence

Upgrade your energy storage with the Voltsman Lithium Phosphate (LiFePO4) Battery — a smart, space-saving solution crafted for modern homes and businesses. Stay informed with real-time operation status through the built-in LCD screen, giving you complete control and efficiency over your power needs.

Compatible with Voltsman Solar Hybrid Inverters, it offers deep cycle performance, longer lifespan and enhanced safety compared to conventional batteries. Perfect for India's frequent power cuts, it ensures reliable backup, maximises solar self-consumption and delivers uninterrupted power for all your essential energy requirements.



Reliability
Life. Uninterrupted.

Rack type - Easy to Install
Allows quick mounting and wiring without custom enclosures or complex setup.

Eastman iConnect App - Monitoring
Check your battery's health on your Mobile - Charge status, fault alerts and diagnostics all in one place.

Smart BMS - Battery Management System
Ensures battery stays protected, performs at its best and lasts years longer.

Total Cost of Ownership
A Lifetime of Value

Longer Life
Lasts longer. Costs less over time - every rupee you spent keeps working far longer.

Maintenance-Free
Install it and forget about it. No maintenance visits, no consumable costs - the battery runs reliably on its own for years.

Scalable with Parallel Connection
Add Batteries basis your needs: The same system scales up without replacing anything. Energy storage that grows with you.

High Voltage Battery Technical Specifications:

Model	ES204.8V-100BS	ES256V-100BS	ES307.2V-100BS	ES358.4V-100BS
Cell				
Capacity(Ah)	100	100	100	100
Max. Continuous Charging Current (A)	100	100	100	100
Max. Continuous Discharging Current (A)	100	100	100	100
PDU				
Max. Continuous Charging Current (A)	120	120	120	120
Max. Continuous Discharging Current (A)	100	100	100	100
Battery Module Specification				
Cell Configuration (Module)	16S 1P	16S 1P	16S 1P	16S 1P
Nominal Energy (kWh)	20.48	25.6	30.72	35.84
Nominal Voltage (V)	204.8	256	307.2	358.4
Charge Voltage (V)	233.6	292	350.4	408.8
Discharge Cut-off Voltage (V)	169.6	212	254.4	296.8
Standard Charging Current(A)	50	50	50	50
Standard Discharging Current(A)	50	50	50	50
Max. Continuous Charging Current (A)	100	100	100	100
Max. Continuous Discharging Current (A)	100	100	100	100
Cycle Life	3650 Cycles @80% DOD @35°C @0.8C/0.8C @70% SOH			
Communication Mode	RS485/CAN			
Operating Temp	Charging: 0-55°C; Discharging: -10°C-60°C			
Module Dimension (LxWxH) mm	610x440x175			
Net Weight (kg)	250	300	350	400
Package Size (LxWxH) mm	610x440x800	610x440x1000	610x440x1200	610x440x700(*2)
Warranty	10 Years*	10 Years*	10 Years*	10 Years*
Array Mode	4S	5S	6S	7S

*Considering one cycle per day | T&C Apply

Note: As part of regular product updates, specifications may be revised without prior notification.

High Voltage Battery Technical Specifications:

Model	ES384V-100BS	ES409.6V-100BS	ES460.8V-100BS	ES512V-100BS
Cell				
Capacity(Ah)	100	100	100	100
Max. Continuous Charging Current (A)	100	100	100	100
Max. Continuous Discharging Current (A)	100	100	100	100
PDU				
Max. Continuous Charging Current (A)	120	120	120	120
Max. Continuous Discharging Current (A)	100	100	100	100
Battery Module Specification				
Cell Configuration (Module)	15S 1P	16S 1P	16S 1P	16S 1P
Nominal Energy (kWh)	38.4	40.96	46.08	51.2
Nominal Voltage (V)	384	409.6	460.8	512
Charge Voltage (V)	438	467.2	525.6	584
Discharge Cut-off Voltage (V)	318	339.2	381.6	424
Standard Charging Current(A)	50	50	50	50
Standard Discharging Current(A)	50	50	50	50
Max. Continuous Charging Current (A)	100	100	100	100
Max. Continuous Discharging Current (A)	100	100	100	100
Cycle Life	3650 Cycles @80% DOD @35°C @0.8C/0.8C @70% SOH			
Communication Mode	RS485/CAN			
Operating Temp	Charging: 0-55°C; Discharging: -10°C-60°C			
Module Dimension (LxWxH) mm	610x440x175			
Net Weight (kg)	376	450	500	550
Package Size (LxWxH) mm	610x440x700(*2)	610x440x700(*2)	610x440x700(*2)	610x440x700(*2)
Warranty	10 Years*	10 Years*	10 Years*	10 Years*
Array Mode	8S	8S	9S	10S

Note: As part of regular product updates, specifications may be revised without prior notification.

*Considering one cycle per day | T&C Apply

EastmanONE App

Smart Control in Your Hands

Powered By: Eastman Intelligence

Power management has entered a new era. With the EastmanONE App and Eastman Wi-Fi Stick, you get a smarter way to monitor, control and optimize your inverter and solar systems — anytime, anywhere.

1. Eastman Wi-Fi Stick

Simply plug the compact Wi-Fi Stick into your inverter to connect it to the app. No wiring, no setup hassle, it enables instant communication between your system and the cloud, making your inverter truly smart.

2. Real-Time Monitoring

Get a live view of your inverter's performance, including input/output status, solar generation, battery charge, load usage and power backup time directly on your mobile screen.

3. Multi-Device Connectivity

Monitor multiple inverters and locations through a single app. Perfect for homes, offices and institutions managing multiple systems.

4. Performance Reports with Smart Alerts

Access detailed daily, monthly and yearly energy statistics. Gain insights into solar generation, grid usage and consumption patterns to improve efficiency and savings. Receive instant alerts for faults or maintenance needs. The app ensures you act before issues impact performance.

5. Cloud-Based Data Security

All data is securely stored and backed up on Eastman's encrypted cloud servers, ensuring reliability and privacy.



Eastman Wi-Fi Stick*



EastmanONE App

GET IT ON Google Play

Download on the App Store

Empower your energy experience with EastmanONE.

Download now from Google Play & App Store

With the EastmanONE App, all your energy data is securely stored on Indian servers, fully compliant with Indian data regulations. This ensures complete safety, privacy and peace of mind — keep the system protected within the country's trusted digital infrastructure.

*Default WI-Fi stick with product, however solar Inverter is also compatible with GSM stick.

Eastman iConnect App

Smart Control in Your Hands

Powered By: Eastman Intelligence

Enhance your power backup experience with intelligent energy management designed for modern homes and businesses. The Eastman Lithium Hybrid Inverter delivers seamless performance with real-time power optimization, smart battery compatibility, and efficient energy utilization. Stay in control with reliable backup, faster charging, and uninterrupted comfort—giving you greater confidence during every power outage.

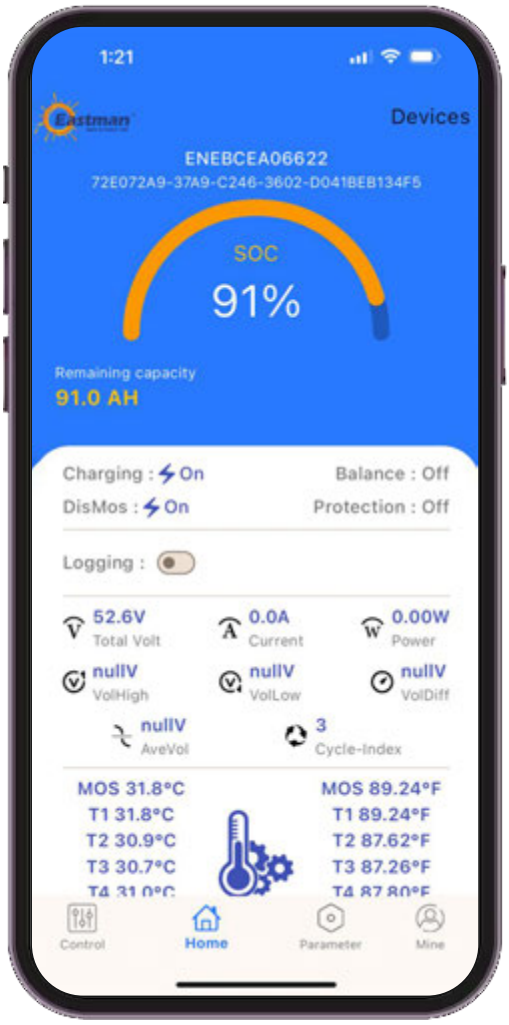
Real-Time Power Status: Monitor live battery backup, charging status, and power consumption anytime, anywhere. Stay informed about available backup before and during power outages.

Smart Energy Tracking: Track power usage patterns and optimize energy consumption for better efficiency and longer backup performance.

Bluetooth Connectivity with BMS: Seamlessly connect your smartphone to the inverter's Battery Management System (BMS) for instant monitoring, diagnostics, and performance updates.

Intelligent Usage Insights: Analyze battery health, charging cycles, and energy usage trends to maximize battery life and overall system efficiency.

Prevent Unexpected Power Failures: Stay updated on battery and inverter health to avoid sudden breakdowns and ensure uninterrupted power backup with complete peace of mind.



Eastman iConnect App

GET IT ON Google Play

Download on the App Store

Empower your energy experience with Eastman iConnect App

Download now from Google Play & App Store

With the Eastman iConnect App, all your energy data is securely stored on Indian servers, fully compliant with Indian data regulations. This ensures complete safety, privacy and peace of mind — keep the system protected within the country's trusted digital infrastructure.

Eastman Assure Promise

Round-the-Clock Service

At Eastman, great products deserve equally great service. Through Eastman Assure, we've built a customer-first ecosystem that ensures quick resolutions, proactive support, and peace of mind — every step of the way.

AI-Powered Voice Bot

- Get instant support anytime without waiting or follow-ups.
- Raise requests and check warranty or complaint status in seconds.

78884 78885

24x7 Call Centre

- Expert help is always available, day or night.
- Quick, reliable support for installation, service, and troubleshooting.

1800-419-8610

Online Complaint Management

- Track your complaint in real time with complete visibility.
- Stay informed at every step until your issue is resolved.

Eastman Assure Portal

- One place for all your service needs, simple and convenient.
- Manage warranty, complaints, and service history with ease.

We are 24x7 Available!

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Eastman Assure

Eastman Auto & Power Ltd.

Corporate Office: Quattro Towers, Plot No. 249E, Udyog Vihar Phase IV, Gurugram, Haryana-122016, India | support@eaplworld.com | 78728 78728

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