
A CLIMATE-FOCUSED EV INFRASTRUCTURE COMPANY

The SERAC Mobility Solutions lineup.

Every system in the range is built around the same standardised 30 kW PM30 module and the same engineering standards — stationary DC fast charging, heavy commercial charging, and battery-integrated mobile charging. All products are currently in development.

Velocity	Storm	Forge
BATTERY-INTEGRATED	60 - 240 kW	240 - 360 kW

Powering the shift to cleaner mobility.

Transport is one of India's largest and fastest-growing sources of emissions. Serac Mobility Solutions designs and engineers EV charging systems built to make cleaner mobility a practical choice — not just an aspiration — starting with the charging infrastructure itself.

ARCHITECTURE

One standardised 30 kW module

RANGE

Designed across three series

ORIGIN

Designed and engineered in India

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Three series. One engineering standard.

Every system in the lineup is designed around the same modular architecture and the same engineering standards. All products are currently in development.



SERIES 01

Velocity Series

Battery-integrated mobile charging systems, designed to deliver charge without fixed grid infrastructure.



SERIES 02

Storm Series

Multi-port DC fast charging systems, designed across a 60–240 kW range.



SERIES 03

Forge Series

Heavy commercial DC charging systems, engineered toward a 240–360 kW range.

Battery-integrated mobile charging systems, designed to deliver a DC fast charge without fixed grid infrastructure at the point of use.



V 1

Velocity V1

Battery-integrated mobile charging, designed on a light commercial EV platform.

V 2

Velocity V2

A purpose-built compact urban EV, designed around the Velocity charging system.

CHARGING SYSTEM

A 64 kWh LFP battery and 60 kW DC output built onto a vehicle platform, so a charge can be delivered wherever a vehicle can reach. It is the one case where battery integration is standard, not optional, since there is no fixed grid connection at the point of use.

Velocity V1

Battery-integrated mobile charging, designed on a light commercial EV platform.



Livery concept render — not a photograph of a completed vehicle.

DESIGNED FOR

- Emergency roadside charging
- Doorstep charging

Residential societies
- Apartment complexes

Malls

Hotels
- Corporate campuses

Airport parking
- Dealerships

Service centres
- Fleet support

Events
- Urban charging-gap coverage

ENGINEERING TARGETS

DC output	Designed for 60 kW
Charging battery	64 kWh LFP
Outputs	1 × CCS2
Battery management	Integrated BMS, liquid-cooled electronics and battery thermal management
Vehicle platform	Light commercial EV
Output voltage range	Target 200 V – 1000 V DC (CCS2)

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Velocity V1 is designed to bring the Velocity charging system to site on a light commercial electric vehicle platform, purpose-fitted rather than purpose-built.

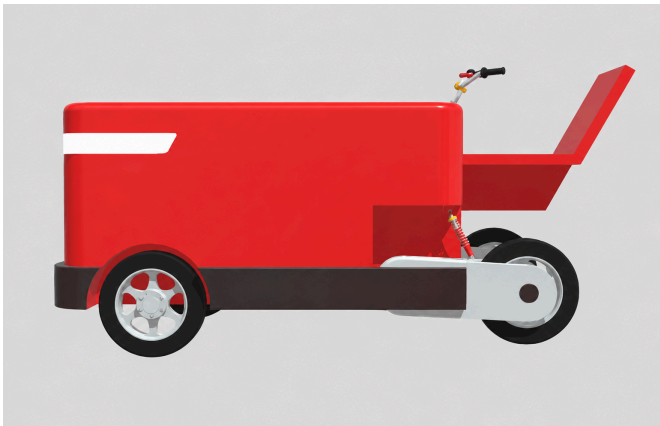
The charging system itself — a 64 kWh LFP battery feeding a single CCS2 output — is identical across both Velocity Series platforms, so the underlying engineering and service approach carries over regardless of vehicle.

Designed for fast deployment into service using an existing, proven commercial vehicle class as the base.

Velocity V2

FLAGSHIP

A purpose-built compact urban EV, designed around the Velocity charging system.



Concept design — not a built or tested vehicle.

DESIGNED FOR

- Emergency roadside charging
- Doorstep charging

Residential societies
- Apartment complexes

Malls

Hotels
- Corporate campuses

Airport parking
- Dealerships

Service centres
- Fleet support

Events
- Urban charging-gap coverage

ENGINEERING TARGETS

DC output	Designed for 60 kW
Charging battery	64 kWh LFP
Outputs	1 × CCS2
Drive battery	18 kWh LFP (separate from the charging battery)
Drive motor	Designed for 8 kW BLDC, rear-wheel drive
Dimensions	Target 2.2 m × 0.8 m × 1.2 m
Weight	Target ~450 kg
Top speed	Target 60 km/h
Output voltage range	Target 200 V – 1000 V DC (CCS2)

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Velocity V2 is a compact urban electric vehicle designed from the ground up for the charging-on-wheels role, engineered in Fusion 360 as a dedicated platform rather than an adapted commercial vehicle.

Alongside the 64 kWh LFP charging battery, Velocity V2 is designed with its own separate 18 kWh LFP drive battery and an 8 kW BLDC rear-wheel drive motor, keeping the vehicle's own mobility fully independent of the charge it delivers.

Compact dimensions are designed for manoeuvrability in dense urban settings — apartment complexes, corporate campuses and event sites — where a larger vehicle would struggle to reach the customer.

Multi-port stationary DC fast charging systems, designed across a 60–240 kW range with Dynamic Power Sharing across every output.



DYNAMIC POWER SHARING

Every Storm and Forge cabinet is designed to allocate its total power intelligently across whichever CCS2 outputs are active — one vehicle can be designed to draw the full cabinet rating, or several vehicles can share it, without a fixed per-port ceiling.

UTILISATION

Because every port draws from the same pool of PM30 modules, the system is designed so utilisation stays high whether a site has one car charging or a full bay in use.



Storm 60

60 kW distributed DC fast charging, designed for 2 × CCS2 outputs.



Storm 90

90 kW distributed DC fast charging, designed for 3 × CCS2 outputs.



Storm 120

120 kW distributed DC fast charging, designed for 4 × CCS2 outputs.



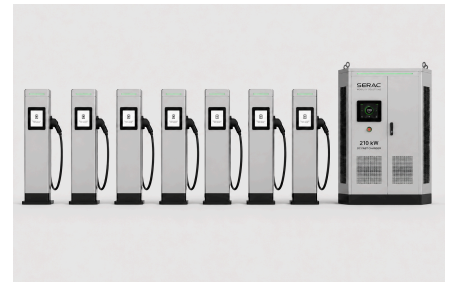
Storm 150

150 kW distributed DC fast charging, designed for 5 × CCS2 outputs.



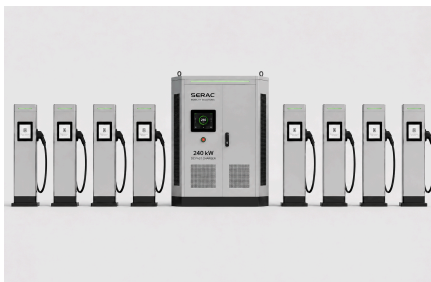
Storm 180

180 kW distributed DC fast charging, designed for 6 × CCS2 outputs.



Storm 210

210 kW distributed DC fast charging, designed for 7 × CCS2 outputs.



Storm 240

240 kW distributed DC fast charging, designed for 8 × CCS2 outputs.

SHARED ELECTRICAL ENVELOPE

Output voltage range
200 V – 1000 V DC (CCS2)

Input
3-phase AC grid

Storm 60

60 kW distributed DC fast charging, designed for 2 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 60 kW
Outputs	2 × CCS2
PM30 modules	2 × PM30
Power-sharing configurations	60 / 30+30
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 60 is designed as a single power cabinet feeding 2 × CCS2 on separate dispensers, built from 2 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 60 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 90

90 kW distributed DC fast charging, designed for 3 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 90 kW
Outputs	3 × CCS2
PM30 modules	3 × PM30
Power-sharing configurations	90 / 60+30 / 30+30+30
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 90 is designed as a single power cabinet feeding 3 × CCS2 on separate dispensers, built from 3 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 90 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 120

120 kW distributed DC fast charging, designed for 4 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 120 kW
Outputs	4 × CCS2
PM30 modules	4 × PM30
Power-sharing configurations	120 / 60+60 / 30+60+30 / 30×4
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 120 is designed as a single power cabinet feeding 4 × CCS2 on separate dispensers, built from 4 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 120 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 150

150 kW distributed DC fast charging, designed for 5 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 150 kW
Outputs	5 × CCS2
PM30 modules	5 × PM30
Power-sharing configurations	150 / 90+60 / 60+60+30 / 60+30×3 / 30×5
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 150 is designed as a single power cabinet feeding 5 × CCS2 on separate dispensers, built from 5 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 150 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 180

180 kW distributed DC fast charging, designed for 6 × CCS2 outputs.



DESIGNED FOR

Highway corridors

Fuel stations

Fleet depots

Public charging

Malls

Hotels

Corporate campuses

Industrial facilities

Dealerships

Urban hubs

Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 180 kW
Outputs	6 × CCS2
PM30 modules	6 × PM30
Power-sharing configurations	180 / 90+90 / 60×3 / 60+60+30+30 / 60+30×4 / 30×6
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 180 is designed as a single power cabinet feeding 6 × CCS2 on separate dispensers, built from 6 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 180 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

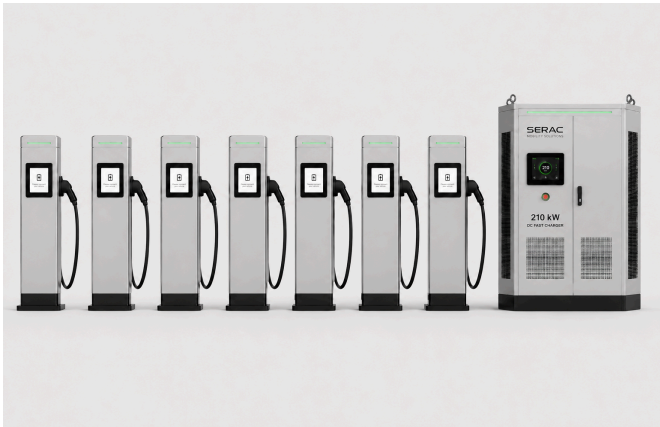
Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 210

210 kW distributed DC fast charging, designed for 7 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 210 kW	
Outputs	7 × CCS2	
PM30 modules	7 × PM30	
Power-sharing configurations	210 / 120+90 / 90+60+60 / 60×3+30 / 60+60+30×3 / 60+30×5 / 30×7	
Output voltage range	Target 200 V – 1000 V DC (CCS2)	
Input	3-phase AC grid	

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 210 is designed as a single power cabinet feeding 7 × CCS2 on separate dispensers, built from 7 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet's total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

Storm Series cabinets share one engineering standard end to end, so site planning, spares and technician training carry across the whole range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 210 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Storm 240

FLAGSHIP

240 kW distributed DC fast charging, designed for 8 × CCS2 outputs.



DESIGNED FOR

- Highway corridors
- Fuel stations
- Fleet depots
- Public charging
- Malls
- Hotels
- Corporate campuses
- Industrial facilities
- Dealerships
- Urban hubs
- Smart city infrastructure

ENGINEERING TARGETS

Rated power	Designed for 240 kW
Outputs	8 × CCS2
PM30 modules	8 × PM30
Power-sharing configurations	240 / 120+120 / 120+60+60 / 60×4 / 60×3+30+30 / 60+60+30×4 / 60+30×6 / 30×8
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Storm 240 is designed as a single power cabinet feeding 8 × CCS2 on separate dispensers, built from 8 × PM30 on the standardised PM30 architecture.

Dynamic Power Sharing is designed to allocate the cabinet’s total output across whichever ports are active at a given moment, so utilisation stays high whether one vehicle is charging or several.

As the flagship of the Storm Series, Storm 240 is designed with the highest available headroom in the range and the most future-expansion options.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Storm 240 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Heavy commercial DC charging systems, engineered for electric buses, trucks, mining vehicles and port equipment.



240 kW

Forge 240

240 kW heavy commercial DC charging, designed for depot-scale duty cycles.



360 kW

Forge 360

360 kW heavy commercial DC charging, designed for depot-scale duty cycles.

Every Storm and Forge cabinet in the range is designed as the same module, repeated to reach the output a site needs.

Forge 240

240 kW heavy commercial DC charging, designed for depot-scale duty cycles.



DESIGNED FOR

- Bus depots
- Truck charging
- Logistics hubs
- Mining
- Ports and container terminals
- Industrial campuses
- Commercial vehicle OEM facilities
- Government transport depots

ENGINEERING TARGETS

Rated power	Designed for 240 kW
Outputs	2 × CCS2
PM30 modules	8 × PM30
Power-sharing configurations	240 / 120+120
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Forge 240 is designed for electric buses, trucks, mining vehicles and port equipment — 2 × CCS2 built from 8 × PM30 on the same PM30 architecture as the Storm Series.

The heavy-commercial platform is designed around sustained, high-utilisation duty cycles rather than occasional public charging, with headroom engineered for depot-scale operation.

Both Forge models are designed to add high-capacity thermal management, depot energy-management software, BESS and renewable-source integration in future development.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Forge 240 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Forge 360

FLAGSHIP

360 kW heavy commercial DC charging, designed for depot-scale duty cycles.



DESIGNED FOR

- Bus depots
- Truck charging
- Logistics hubs
- Mining
- Ports and container terminals
- Industrial campuses
- Commercial vehicle OEM facilities
- Government transport depots

ENGINEERING TARGETS

Rated power	Designed for 360 kW
Outputs	2 × CCS2
PM30 modules	12 × PM30
Power-sharing configurations	360 / 180+180
Output voltage range	Target 200 V – 1000 V DC (CCS2)
Input	3-phase AC grid

All values above are engineering targets for the design in development, not measurements from a shipped or certified unit.

Forge 360 is designed for electric buses, trucks, mining vehicles and port equipment — 2 × CCS2 built from 12 × PM30 on the same PM30 architecture as the Storm Series.

The heavy-commercial platform is designed around sustained, high-utilisation duty cycles rather than occasional public charging, with headroom engineered for depot-scale operation.

Forge 360 is the flagship heavy-commercial platform, designed with the widest future-expansion scope in the range.

OPTIONAL ACCESSORY · BATTERY INTEGRATION

Battery integration, available as an upgrade.

Forge 360 is a grid-powered DC fast charging system by default. Battery integration is available as an optional, upgradable accessory — not a standard feature on this model.

POWER RESILIENCE

Designed to protect against power cuts and voltage fluctuations — a common condition on Indian grid connections — by drawing on the optional battery accessory when supply is interrupted or unstable.

SOLAR-READY

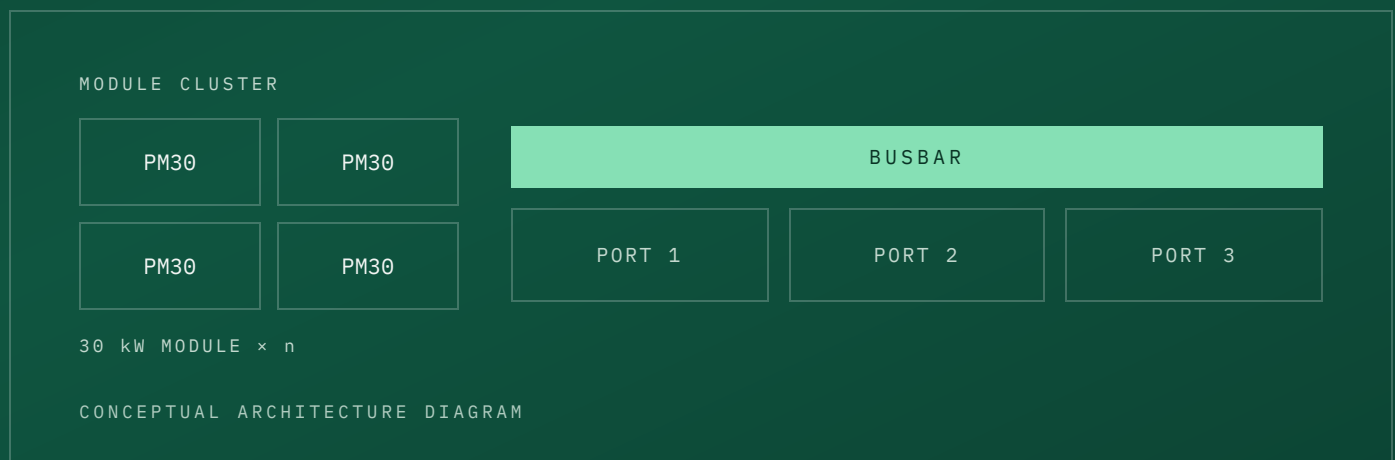
Engineered toward future compatibility with solar panel installations, so a site can be designed to add on-site generation later without redesigning the charging system.

Modular 30 kW architecture.

PM30 is designed as a single, standardised 30 kW liquid-cooled power module — SiC-first, built as a hot-swappable sealed cartridge. Every Storm and Forge cabinet in the range is designed as the same module, repeated to reach the output a site needs.

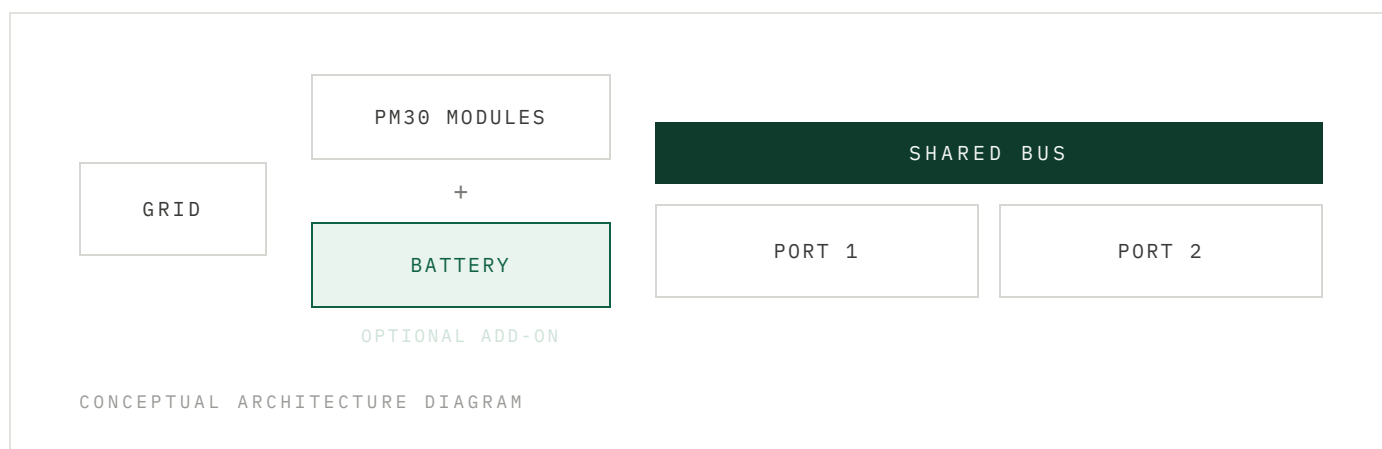
The intent is to engineer one module to a high standard once, then scale it rather than re-engineer power electronics for every cabinet size. Conservative derating and graceful degradation are designed in, prioritising reliability over peak performance.

>96% DESIGNED EFFICIENCY	25+ years TARGET DESIGN LIFE	30 kW LIQUID-COOLED MODULE
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PM30 is an internal architecture, not a component offered for sale to OEMs.

The optional battery layer, on the same PM30 architecture, that lets any Serac Mobility Solutions charger draw steady power from the grid while still delivering a full-power DC fast charge.



UPGRADABLE, NOT LOCKED IN

Every Storm and Forge cabinet is built on the same modular PM30 architecture, so battery integration is never locked in at the factory. A station can be commissioned as a standard grid-tied charger and later upgraded with an integrated battery pack — available as an optional, upgradable accessory rather than a rebuild.

SOLAR CONNECTIVITY

The same architecture is designed for easy solar connectivity, so a site can add a solar input alongside the grid connection without a separate retrofit — reducing grid dependence and lowering the carbon footprint of every charging session.

One engineering standard, shared across the range.

Certification and compliance work is planned against the following standards, on a shared electrical envelope. Listing a target standard here is not a claim that certification has been completed.

OUTPUT VOLTAGE RANGE	INPUT
Target 200 V – 1000 V DC (CCS2)	3-phase AC grid

COMMON TARGET STANDARDS – STORM, FORGE, VELOCITY

IEC 61851-1	IEC 61851-23	IEC 61851-24	IEC 62196-3 (CCS2)	ISO 15118	
DIN 70121	OCPP 2.0.1	IEC 60364	IEC 60204	IEC 61508	IEC 60529 (IP)
IEC 61000 (EMC)					

ADDITIONAL TARGET STANDARDS – VELOCITY SERIES VEHICLE PLATFORMS

UN 38.3	IEC 62619	AIS-038	AIS-156	CMVR
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On-demand EV charging, delivered to you.

Request a charge in the app and a Velocity-based charging vehicle comes to your location. ZEXI is a separate, on-demand service operated by a Serac Mobility Solutions subsidiary — its own app and website are launching soon.



STEP 01

Request a charge in the app

STEP 02

A Velocity vehicle comes to
you

STEP 03

DC fast charge on location

Launching soon. Get in touch.

For engineering, partnership or site enquiries, we would be glad to hear from you. Ujjain, Madhya Pradesh.

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LOCATION

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