



# **FARASIS ENERGY**

## **Product Portfolio**

---

A Global Pioneer in Batteries Powering  
Clean and Sustainable Energy



# FARASIS ENERGY

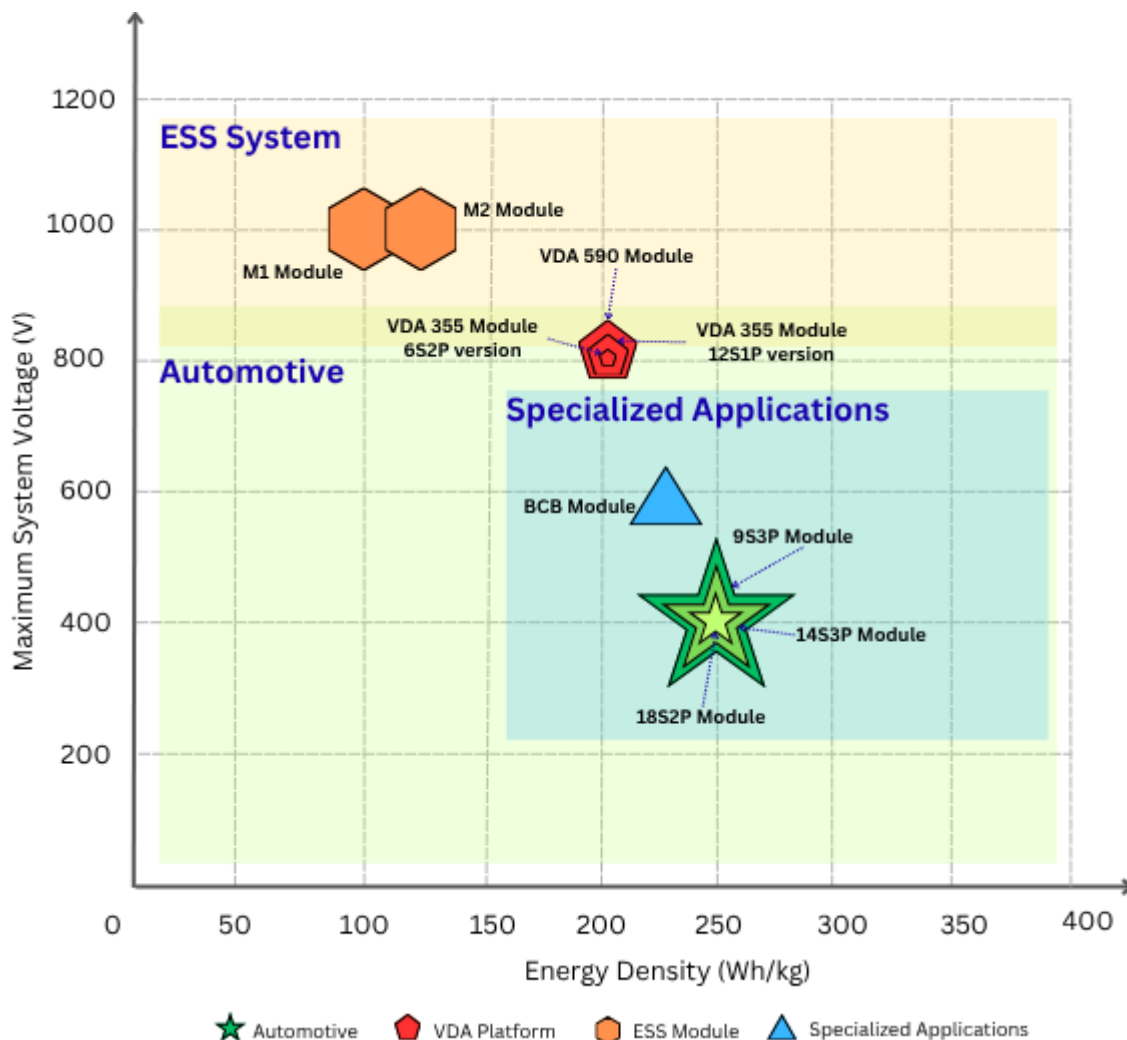
## Module Portfolio

---



## MODULE MATRIX

The **Farasis Module Matrix** showcases our scalable module portfolio across **system voltage and energy output**, enabling customers to quickly identify the optimal architecture for **ESS**, **automotive**, and **specialized mobility applications**. The horizontal axis represents **energy performance**, while the vertical axis reflects **maximum system voltage**, illustrating platform scalability across voltage levels.



Each **bubble** corresponds to an individual **module model**, and the bubble size reflects the cell **capacity in ampere-hours (Ah)** from low capacity to high-capacity module.



# MODULE PORTFOLIO

## Modules:

- **BCB-Module**



- **VDA-590 Module**



- **VDA-355 Module 6s2p**



- **VDA-355 Module 12s1p**



- **Module 9S3P**



- **Module 14S3P**



- **Module 18S2P**



- **M1 Module**




- **M2 Module**



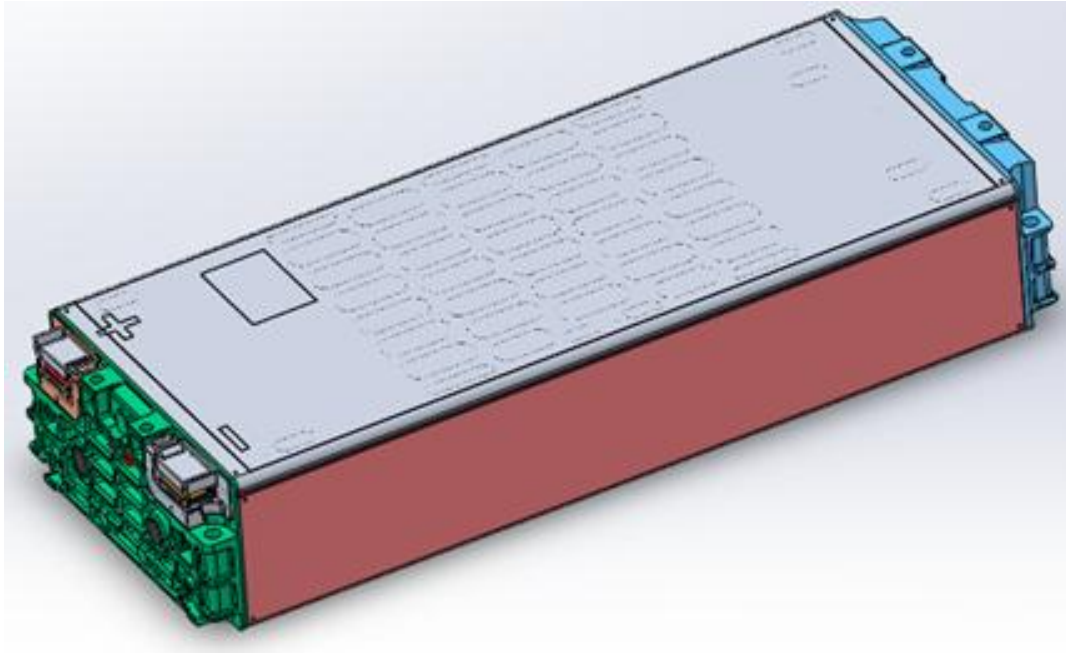
**BCB**






**FEATURE**

DIMENSIONS (L*W*H)	460 x 313 x 112 mm	CHARGE TIME (10-80% SOC)	31 min
CONFIGURATION	14s2p	CHEMISTRY	NCM 8
APPLICATION		MODULE WEIGHT	33.5 kg
NOMINAL CAPACITY (C/3, @25 °C)	146 Ah	IP RATING	IP 67
MAX SYSTEM VOLTAGE	560 V upto 800 V	NOMINAL VOLTAGE (C/3, @25 °C)	51.1 V
MODULE ENERGY (C/3, @25 °C)	7.5 kWh	CYCLE LIFE (25°C, 80% SOH)	> 1500 Cycles

# VDA 590




## FEATURE

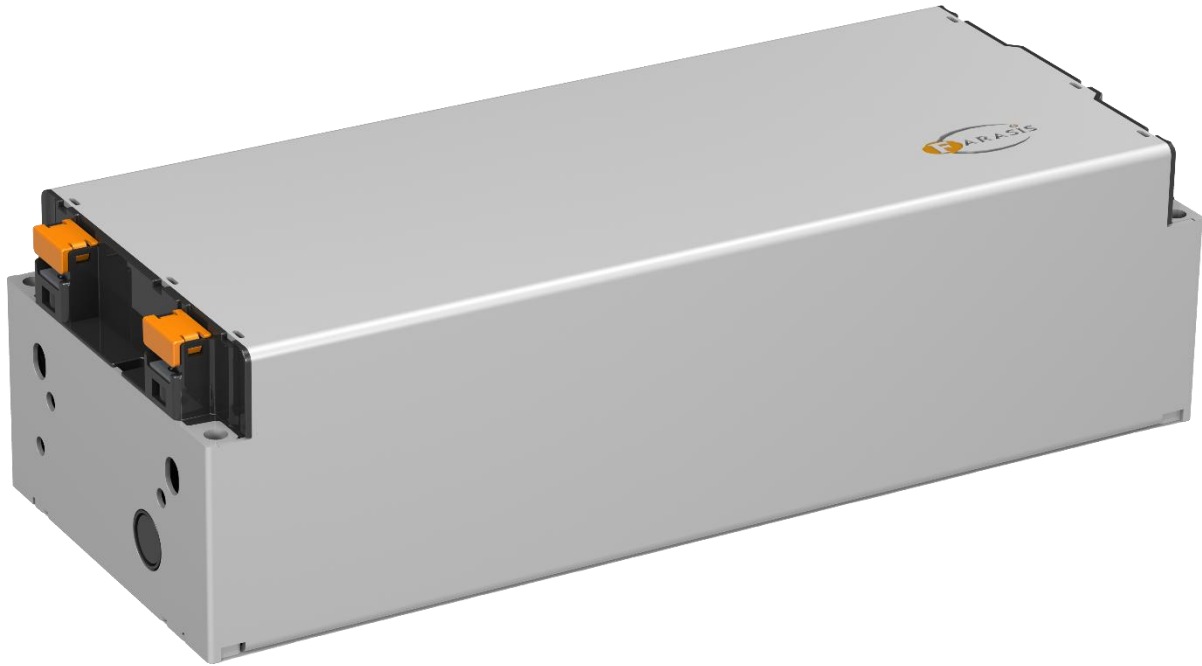
DIMENSIONS (L*W*H)	590 x 225 x 108 mm	CHARGE TIME (10-80% SOC)	25 min
CONFIGURATION	12s2p	CHEMISTRY	NCM 6
APPLICATION	  	MODULE WEIGHT	30 kg
NOMINAL CAPACITY (C/3, @25 °C)	147 Ah	IP RATING	IP 54
MAX SYSTEM VOLTAGE	800 V	NOMINAL VOLTAGE (C/3, @25 °C)	45 V
MODULE ENERGY (C/3, @25 °C)	6.4 kWh	CYCLE LIFE (25°C, 80% SOH)	> 1500 Cycles

# VDA 355 6s2P



## FEATURE

DIMENSIONS (L*W*H)	355 x 151.5 x 108.5 mm	CHARGE TIME (10-80% SOC)	48 min
CONFIGURATION	6s2p	CHEMISTRY	NMC 6
APPLICATION		MODULE WEIGHT	11.23 kg
NOMINAL CAPACITY (C/3, @25 °C)	112 Ah	IP RATING	IP 54
MAX SYSTEM VOLTAGE	800 V	NOMINAL VOLTAGE (C/3, @25 °C)	22.26 V
MODULE ENERGY (C/3, @25 °C)	2.47 kWh	CYCLE LIFE (25°C, 80% SOH)	> 2000 Cycles

**VDA 355 12s1p****FEATURE**

**DIMENSIONS (L\*W\*H)** 355 x 151.5 x 108.5 mm

**CONFIGURATION** 12s1p

**APPLICATION**   

**NOMINAL CAPACITY (C/3, @25 °C)** 56 Ah

**MAX SYSTEM VOLTAGE** 800 V

**MODULE ENERGY (C/3, @25 °C)** 2.47 kWh

**CHARGE TIME (10-80% SOC)** 48 min

**CHEMISTRY** NMC 6

**MODULE WEIGHT** 11.23 kg

**IP RATING** IP 54




**NOMINAL VOLTAGE (C/3, @25 °C)** 44.52 V

**CYCLE LIFE (25°C, 80% SOH)** > 2000 Cycles

## MODULE 9S3P




## FEATURE

DIMENSIONS (L*W*H)	450.7 x 314.6 x 108.4mm	CHARGE TIME (10-80% SoC)	35 min
CONFIGURATION	9s3p	CHEMISTRY	NCM 8
APPLICATION	  	MODULE WEIGHT	31.1 kg
NOMINAL CAPACITY (C/3, @25 °C)	228.9 Ah	CERTIFICATION	NA
MAX SYSTEM VOLTAGE	400 V	NOMINAL VOLTAGE (C/3, @25 °C)	32.85 V
MODULE ENERGY (C/3, @25 °C)	7.5 kWh	CYCLE LIFE	>2000 cycles

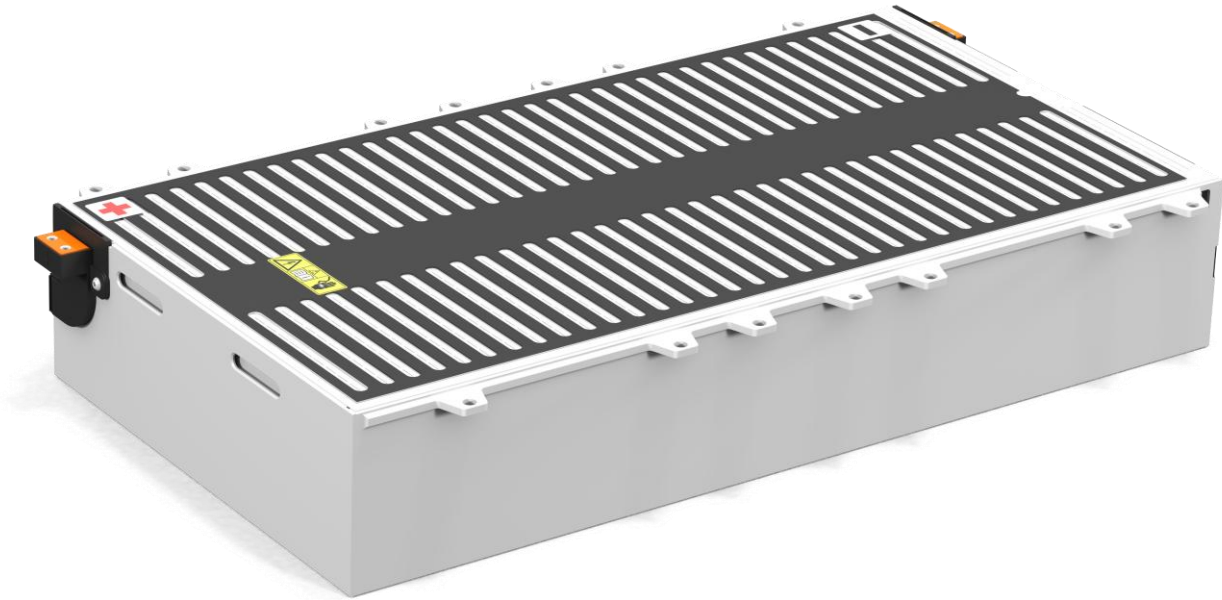
# MODULE 14S3P






## FEATURE

DIMENSIONS (L*W*H)	691.2 x 314.6 x 108.4mm	CHARGE TIME (10-80% SoC)	<40 min
CONFIGURATION	14s3p	CHEMISTRY	NCM 8
APPLICATION		MODULE WEIGHT	47.3 kg
NOMINAL CAPACITY (C/3, @25 °C)	228.9 Ah	CERTIFICATION	NA
MAX SYSTEM VOLTAGE	400 V	NOMINAL VOLTAGE (C/3, @25 °C)	51.1 V
MODULE ENERGY (C/3, @25 °C)	10.40 kWh	CYCLE LIFE	>2000 cycles

## MODULE 18S2P



## FEATURE

DIMENSIONS (L*W*H)	626 x 347 x 108.4mm	CHARGE TIME (10-80% SoC)	< 30 minutes
CONFIGURATION	18s2p	CHEMISTRY	NCM 8
APPLICATION	  	MODULE WEIGHT	39 kg
NOMINAL CAPACITY (C/3, @25 °C)	146 Ah	CERTIFICATION	GB3803
MAX SYSTEM VOLTAGE	400 V	NOMINAL VOLTAGE (C/3, @25 °C)	65.8 V
MODULE ENERGY (C/3, @25 °C)	9.59 kWh	LIFE CYCLE	3000 cycles

## MODULE M1



## FEATURE

DIMENSIONS (L*W*H)	825 x 542 x 167 mm
-----------------------	--------------------

CONFIGURATION	16s1p
---------------	-------

APPLICATION	
-------------	---

NOMINAL CAPACITY (C/3, @25 °C)	180 Ah
-----------------------------------	--------

MAX SYSTEM VOLTAGE	1000 V
-----------------------	--------

MODULE ENERGY (C/3, @25 °C)	9.2 kWh
--------------------------------	---------

CHARGE TIME (0-100% SoC)	2 hours
-----------------------------	---------

CHEMISTRY	LFP
-----------	-----

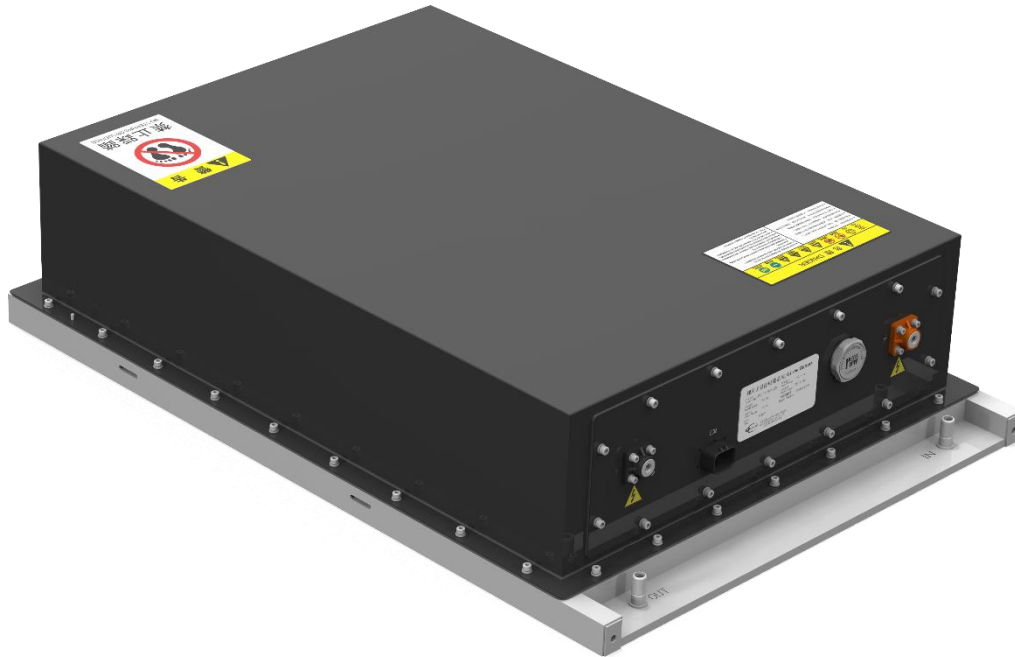
MODULE WEIGHT	92 kg
---------------	-------

IP RATING	IP67
-----------	------


NOMINAL VOLTAGE (C/3, @25 °C)	51.2 V
----------------------------------	--------

CYCLE LIFE (25°C, 80% SOH)	3300 Cycles with enhancement up to 6000 cycles
-------------------------------	--

# MODULE M2



## FEATURE

DIMENSIONS (L*W*H)	890 x 624 x 218 mm	CHARGE TIME (0-100% SoC)	2 hours
CONFIGURATION	32s1p	CHEMISTRY	LFP
APPLICATION		MODULE WEIGHT	144 kg
NOMINAL CAPACITY (C/3, @25 °C)	180 Ah	IP RATING	IP67
MAX SYSTEM VOLTAGE	1000 V	NOMINAL VOLTAGE (C/3, @25 °C)	102.4 V
MODULE ENERGY (C/3, @25 °C)	18.72 Wh	CYCLE LIFE (25°C, 80% SOH)	3300 Cycles with enhancement up to 6000 cycles



# A Global Pioneer in Batteries Powering Clean and Sustainable Energy

## US Headquarters

Farasis Energy USA, Inc.

21363 Cabot Blvd, Hayward, CA 94545

Tel: +1 (510) 732-6600

Email: [info@farasis.com](mailto:info@farasis.com)

Website: [farasis-usa.com](http://farasis-usa.com)