



FARASIS ENERGY

Product Portfolio

A Global Pioneer in Batteries Powering
Clean and Sustainable Energy



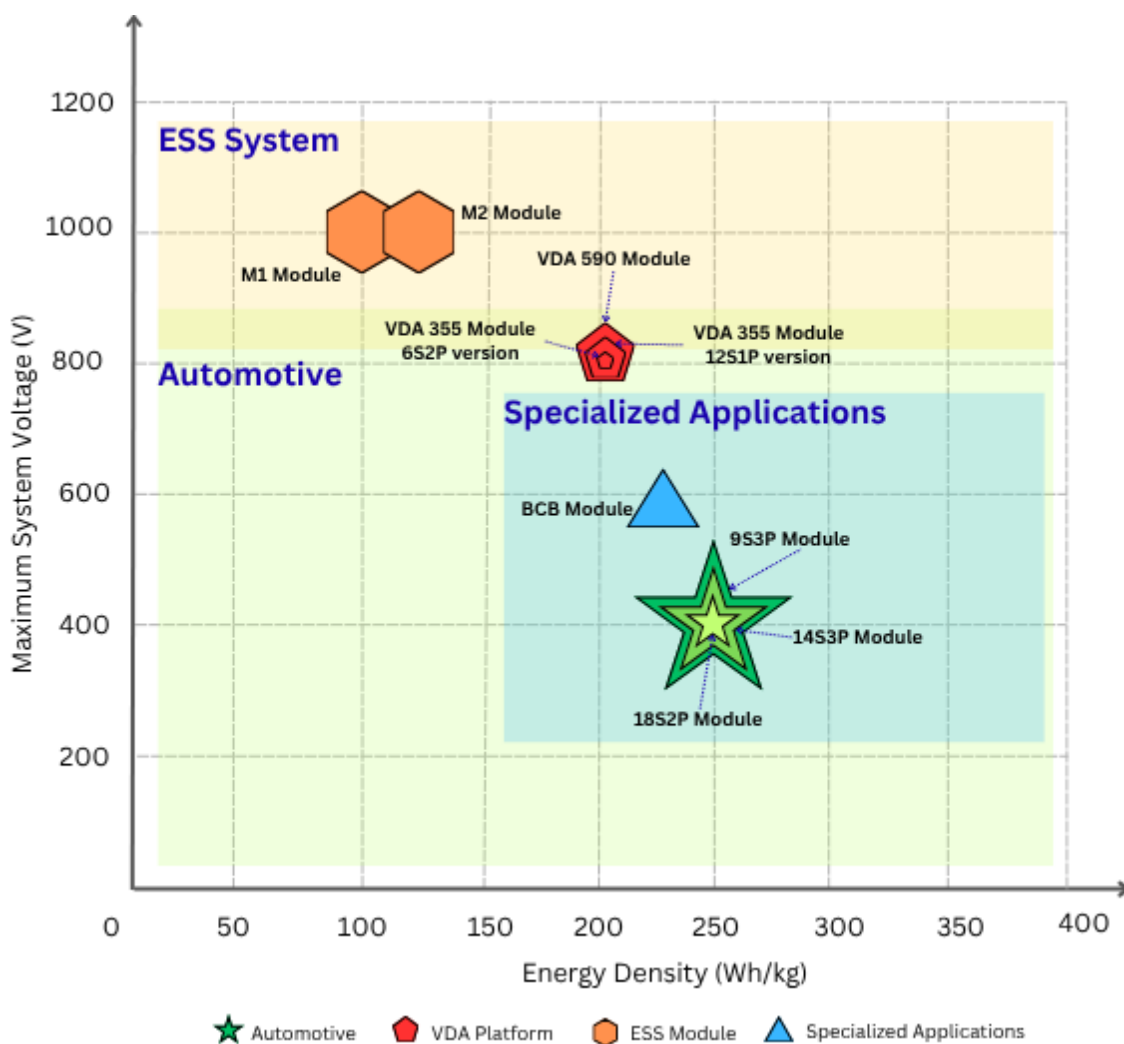
FARASIS ENERGY

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** 

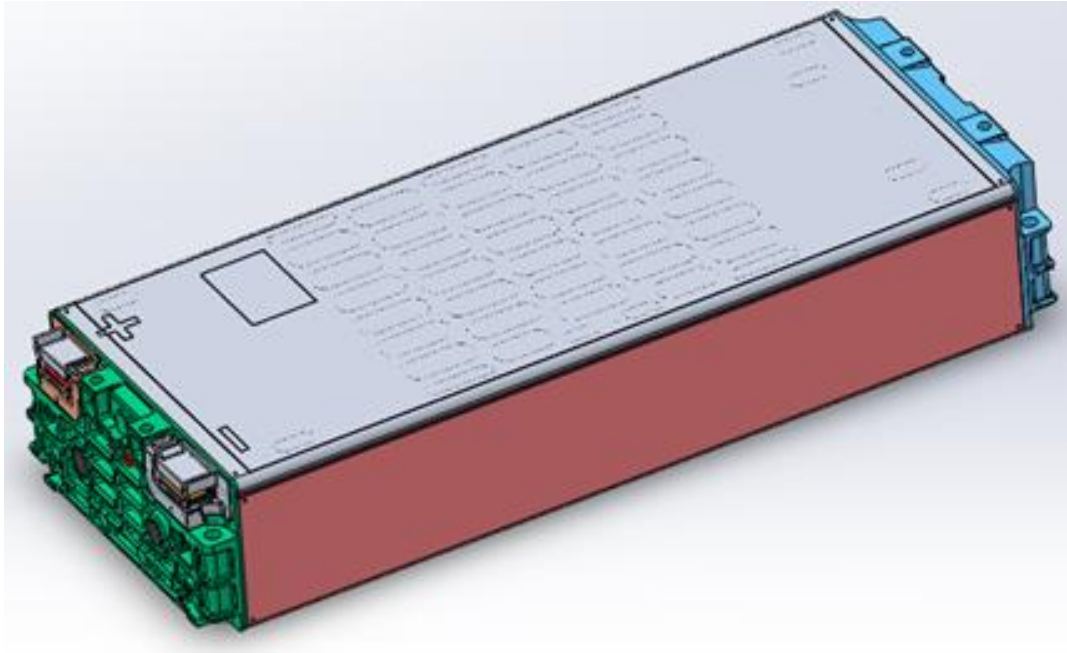
BCB



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

CONFIGURATION 9s3p

APPLICATION   

NOMINAL CAPACITY (C/3, @25 °C) 228.9 Ah

MAX SYSTEM VOLTAGE 400 V

MODULE ENERGY (C/3, @25 °C) 7.5 kWh

CHARGE TIME (10-80% SoC) 35 min

CHEMISTRY NCM 8

MODULE WEIGHT 31.1 kg

CERTIFICATION NA


NOMINAL VOLTAGE (C/3, @25 °C) 32.85 V

CYCLE LIFE >2000 cycles

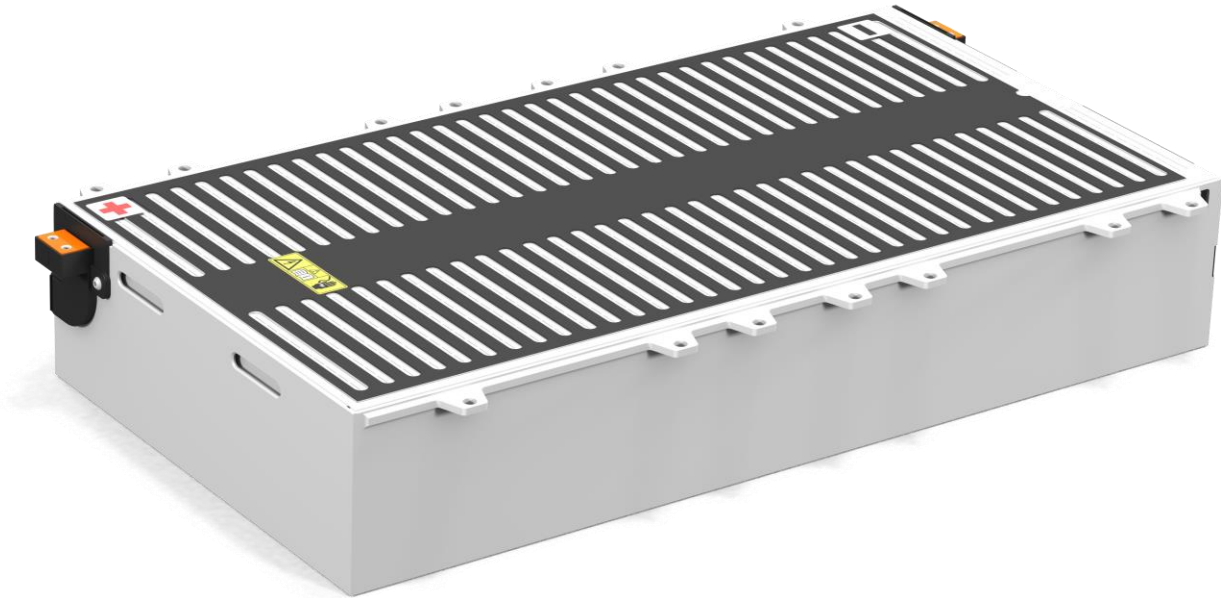
MODULE 14S3P






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
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CONFIGURATION	16s1p
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APPLICATION	
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NOMINAL CAPACITY (C/3, @25 °C)	180 Ah
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MAX SYSTEM VOLTAGE	1000 V
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MODULE ENERGY (C/3, @25 °C)	9.2 kWh
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CHARGE TIME (0-100% SoC)	2 hours
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CHEMISTRY	LFP
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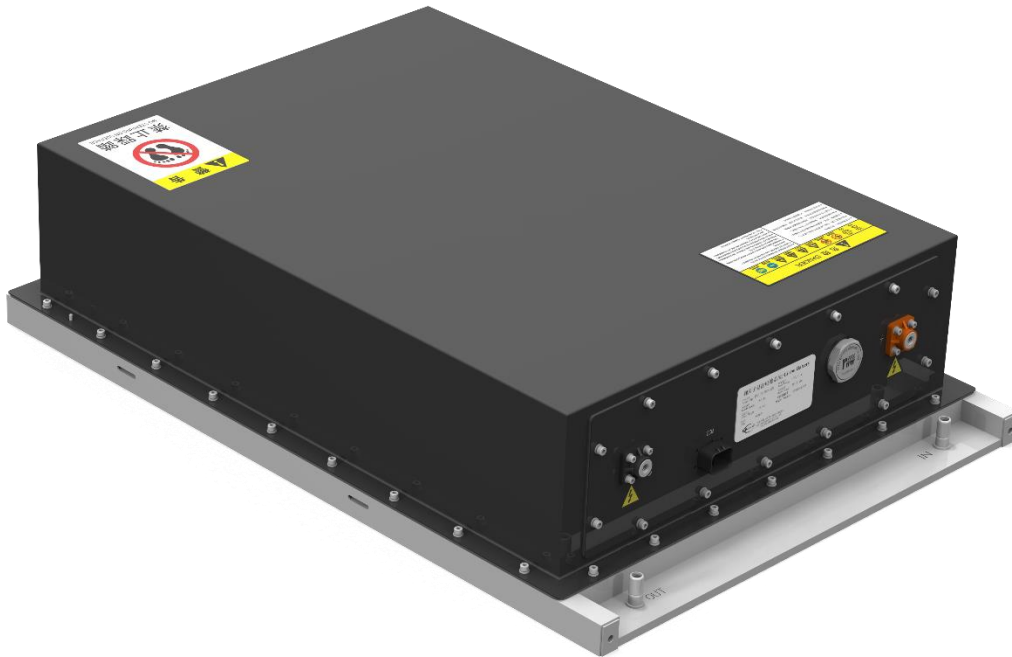
MODULE WEIGHT	92 kg
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IP RATING	IP67
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NOMINAL VOLTAGE (C/3, @25 °C)	51.2 V
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CYCLE LIFE (25°C, 80% SOH)	3300 Cycles with enhancement up to 6000 cycles
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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 kWh	CYCLE LIFE (25°C, 80% SOH)	3300 Cycles with enhancement up to 6000 cycles



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