SOLAR CHARGE CONTROLLERS

MPPT for RV and integrated systems

Compact MD, touch-control MS and M2430C flush-mount models.

Model	Method	Amps	Battery system	PV input limit*	IP
MD2420	MPPT	20 A	12 / 24 V	<100 V	IP32
MD4820	MPPT	20 A	12 / 24 / 36 / 48 V	<100 V	IP32
MD2435	MPPT	35 A	12 / 24 V	<100 V	IP32
MD4835	MPPT	35 A	12 / 24 / 36 / 48 V	<140 V	IP32
MD2460	MPPT	60 A	12 / 24 V	<100 V	IP32
MD4860	MPPT	60 A	12 / 24 / 36 / 48 V	<140 V	IP32
MS2420N	MPPT	20 A	12 / 24 V	<100 V	IP34
MS4820N	MPPT	20 A	12 / 24 / 36 / 48 V	<150 V	IP34
MS2430N	MPPT	30 A	12 / 24 V	<100 V	IP34
MS4830N	MPPT	30 A	12 / 24 / 36 / 48 V	<150 V	IP34
MS2440N	MPPT	40 A	12 / 24 V	<100 V	IP34
MS4840N	MPPT	40 A	12 / 24 / 36 / 48 V	<150 V	IP34
M2430C	MPPT	30 A	12 / 24 V	<100 V	IP34

* PV limits refer to the selected model and battery mode. Include the cold-weather open-circuit voltage of the complete array. M7205W limits vary with the selected 48V / 60V / 72V mode.

Auriva selection resource - range summary, revision 2026-10-15. This is not an installation manual. Confirm the ordered hardware, battery settings, wiring and supplied accessories against the selected model documentation.

Lithium batteries: configure the voltage and charging profile to the battery and BMS. Do not assume automatic voltage recognition applies to lithium.

SOLAR CHARGE CONTROLLERS

MPPT and PWM for battery-based solar

LCD MPPT, negative-ground MPPT and standard/app-operated PWM formats.

Model	Method	Amps	Battery system	PV input limit*	IP
M2420	MPPT	20 A	12 / 24 V	<100 V	IP32
M2430	MPPT	30 A	12 / 24 V	<100 V	IP32
M2440	MPPT	40 A	12 / 24 V	<100 V	IP32
M4860	MPPT	60 A	12 / 24 / 36 / 48 V	<150 V	IP32
M2420N	MPPT	20 A	12 / 24 V	<100 V	IP32
M2430N	MPPT	30 A	12 / 24 V	<100 V	IP32
M2440N	MPPT	40 A	12 / 24 V	<100 V	IP32
M4850N	MPPT	50 A	12 / 24 / 36 / 48 V	<150 V	IP32
M4860N	MPPT	60 A	12 / 24 / 36 / 48 V	<150 V	IP32
P2410	PWM	10 A	12 / 24 V	<55 V	IP32
P2420	PWM	20 A	12 / 24 V	<55 V	IP32
P2430N	PWM	30 A	12 / 24 V	<55 V	IP32
P2440N	PWM	40 A	12 / 24 V	<55 V	IP32

* PV limits refer to the selected model and battery mode. Include the cold-weather open-circuit voltage of the complete array. M7205W limits vary with the selected 48V / 60V / 72V mode.

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Monitoring: RS485, CAN, Bluetooth and external displays vary by model and supplied configuration. Specify required communication interfaces when requesting a quotation.

SOLAR CHARGE CONTROLLERS

Waterproof, flush-mount and specialist charging

Outdoor PWM, recessed RV PWM, solar + DC-DC and boost MPPT options.

Model	Method	Amps	Battery system	PV input limit*	IP
P1210W	PWM	10 A	12 V	<30 V	IP68
P2410W	PWM	10 A	12 / 24 V	<55 V	IP68
P2420W	PWM	20 A	12 / 24 V	<55 V	IP68
P2410C	PWM	10 A	12 / 24 V	<55 V	IP32
P2420C	PWM	20 A	12 / 24 V	<55 V	IP32
P2430C	PWM	30 A	12 / 24 V	<55 V	IP32
M4850ND	DC-DC / MPPT	50 A	12 / 24 / 36 / 48 V	140 V	IP45
M7205W	Boost MPPT	5 A	48 / 60 / 72 V	40 / 50 / 60 V by battery voltage	IP68

* PV limits refer to the selected model and battery mode. Include the cold-weather open-circuit voltage of the complete array. M7205W limits vary with the selected 48V / 60V / 72V mode.

Auriva selection resource - range summary, revision 2026-10-15. This is not an installation manual. Confirm the ordered hardware, battery settings, wiring and supplied accessories against the selected model documentation.

Your enquiry: model, quantity, PV array Voc / Vmp and power, battery voltage and chemistry, BMS limits, installation space, monitoring requirements and destination.