



Arriva
by Coach House®

Section 8

Optional Equipment

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Solar Battery Charger

The Carmanah solar charger will charge the auxiliary batteries with the master 12 Volt switch in the “on” or “off” position. A Charge Controller will optimize the charging rate and cut off the charging current when the batteries are fully charged. Optimal charging will be obtained in direct sunlight.



The charge controller panel is located just inside the entry door to the left. It will show the status of the charging system and the status of the “house” battery circuits. Refer to the Carmanah manual for instructions.





Solar Module and Controller

Solar cell type	Monocrystalline
Output power	160 W
Rated current	8.84 A
Rated DC voltage	18.42 V
Open-circuit voltage	22.77 V
Module efficiency	16.4%
Connectivity	MC4 connectors
Solar controller	30 A PWM, multi battery option, 4 stage charging, digital display and flush mount
Frame type	Clear anodized aluminum frame
Certifications	CE
Dimensions	59.1 x 26.3 x 1.57 in / 1500 x 668 x 40 mm
Weight	32 lbs / 14.5 kg
Warranty	25 years power output (module) 5 years (controller)



Digital Solar Controller SPECIFICATIONS

GP-PWM-30

Nominal System Voltage	12V
Max Solar Array Current	30A
Battery Voltage Range	6V -- 15.5V
Max. Solar panel input voltage	28V
Operating Consumption	6mA
Display Consumption	10mA
Temp. Compensation	-13mV/°F (- 24mV/°C)
Operating Temperature	- 40 to 185°F (-40 to 85°C)
Humidity	99% N.C.
Dimensions (H x W x D)	4.25 x 7.48 x 1.38 in (108 x 190 x 35 mm)
Weight	10.6 oz (300 g)
Maximum Wire Gauge	#4 AWG
Warranty	5 years
Protection	Battery Reverse Polarity, Solar Array Reverse Polarity, Over temperature, Over Current

Carefree of Colorado Awning



Your Coach House **ARRIVA** has been equipped with a Carefree of Colorado Awning. Electrical power is supplied from the 12 Volt "House" Batteries.

Make sure your Battery Cutoff Switch is in the ON position any time the Electric Awning is deployed. Damage to your Awning or Motorhome may occur if power is not available in the event of inclement weather.

The main control for the awning is located just inside the main motorhome door on the Galley wall to the left.

Clean your awning with mild soap and water only.

Insert Carefree Awning Manual Here

Heated Holding Tanks

Heated Holding tanks are installed as optional equipment on your Coach House Platinum.

Manufactured by ULTRA HEAT INDUSTRIES, the tank heaters come in four sizes.

The larger tank heaters are equipped with a thermal sensor which will prevent the heaters from being activated unless the ambient air temperature is below 46 degrees fairenheim. This protection is to make sure your heaters do not come on inadvertently and “cook” the contents of your holding tanks.

ULTRA HEAT INDUSTRIES warrants tank heaters for a period of one year from the time of purchase and any failures should be reported directly to them at their factory.



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Product Insert

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All of UHI's obligations pursuant to this Limited Warranty are limited to replacing the product at no additional cost or issuing an account credit memo for the product's cost.

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