



ACG-1



Compact low-power Serial to Ethernet Gateway...

Monitor all your Apollo Solar devices from any computer via the web

See current and historical energy harvest

Diagnostic data from each device

Check PV, battery and load profiles



Apollo Communications Gateway

Plug and Play Web-Based Monitoring of Apollo Charge Controllers and Inverters

The Apollo Communications Gateway makes it easy to monitor Apollo charge controllers, inverters and other products, easily and simply, supporting up to 100 connected Apollo devices per Gateway.

Works with ASNET and Modbus Enabled Products

The Gateway can work with either products that use our original ASNET network bus, or with our newer industry-standard Modbus enabled products.

Works through the Internet or Locally

By default, the Communications Gateway automatically sends data from connected devices to our server, where you can use any browser to go to our website and monitor the performance of your Apollo products. If you don't have a broadband connection to the Internet, we offer a program that you install on your PC to monitor locally.

Easy Installation

The Communications Gateway is preconfigured with all the information it needs to connect to our server. Simply connect the included cable to any one of your Apollo products, and plug a conventional Ethernet cable between the ACG-1 and your broadband router.

Useful Indicator Lights Let You Know It's Working

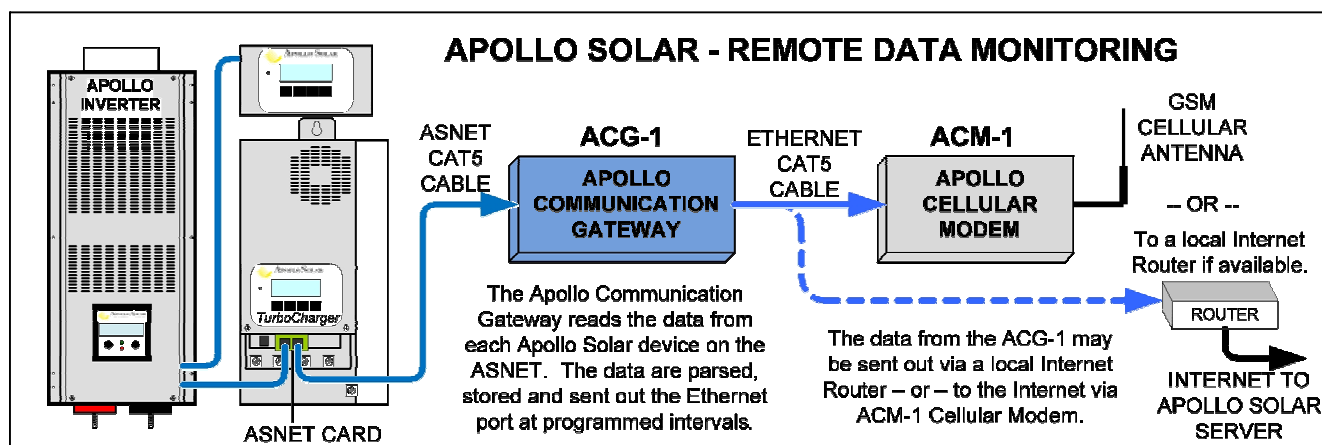
The Gateway includes indicator lights to show serial and Ethernet activity to confirm proper operation.

Our User-Friendly Website Offers all the Information you could Want

On our website you'll be able to see summary and detailed information on how your system is working. Installers find this handy to avoid un-necessary service calls.

Optional Products Give You More Communications Options

If you prefer to communicate using WiFi, the Apollo Communications Gateway works with Apollo and third-party WiFi bridges to let you use WiFi instead of wired Ethernet. For industrial and telecom applications we offer our GSM modem to communicate using GSM networks. See the Apollo Cellular Modem ACM-1.



The ACG-1 connects between the ASNET and any internet router. The Apollo Cellular Modem is an option if the internet is not readily available.

ACG-1 - Apollo Communication Gateway - SPECIFICATIONS

PRODUCT PART NUMBER: SPECIFICATIONS:	ACG-1
Processor	MPC852T, 66 MHz
RAM/Flash	16MB RAM, 4MB Flash
Serial Port Connector	DB25 female
RS-485 Line Terminator	Built-in
Baud Rate Range	Up to 230kps
Default Baud Rate	9600
Serial modes	RS-232/RS-485 (default)
Ethernet Modes	10/100 Mbs Auto
Ethernet Connector	RJ45
IP Addressing	IPV4, IPV6
Protocols	DHCP, TCP, UDP, HTTP
Modbus Protocols	Modbus TCP, RTU, ASCII
Indicators	Power/Ready, Ethernet Connected, Ethernet Activity, Transmitting Serial, Receiving Serial
Power	9-30V, 4.8w
Enclosure material	Aluminum
Dimensions	9.0cm x 6.4cm x 2.3cm
Weight	3.5in x 2.5in x .9in
Operating Temperature	.22Kg, 0.5lb
Storage Temperature	0-55 C, 32-131 F
Approvals	-40-66 C, -40-150 F
Warranty	FCC Part 15A
Included Parts	CE/CSA/UL1950/EN55022/EN60950
	5 Year Limited Warranty
	Power supply, Serial Cable



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Specifications are subject to change without notice. Feb 2009