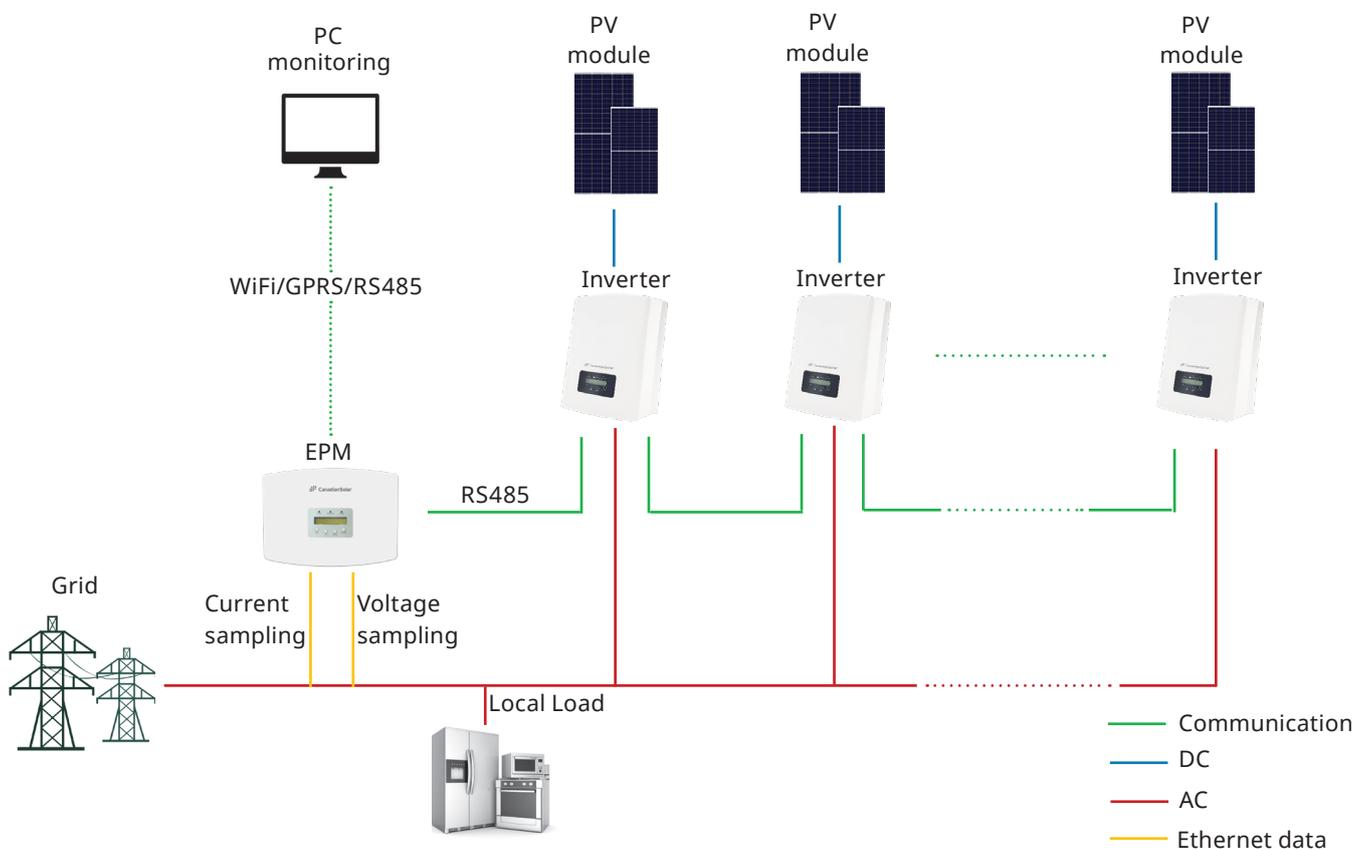


# ACCESSORIES



## Canadian Solar Export Power Manager



### KEY FEATURES

#### Smart & Strong

- Simultaneous control of Canadian Solar inverters
- Realizing reactive compensation of the system, which ensure the power factor of the system is up to standard

#### Saving & High Precision

- Simultaneously monitor the operating data of the 80 X Canadian Solar inverters, saving the cost of the monitoring system
- The control accuracy is up to 3%, which improves the system's spontaneous use rate

#### Friendly & Compatible

- support "Δ" and "Y" grid systems and single-phase grids to reduce system changes
- Supports simultaneous access of Canadian Solar inverters with different powers

### CANADIAN SOLAR INC.

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**SYSTEM/TECHNICAL DATA**

MODEL NAME	CSI-GL-EPM1	CSI-GL-EPM3	CSI-GL-EPM3 PRO
<b>COMMUNICATION</b>			
Inverter Communication		RS485	
Monitoring		WiFi/GPRS	
<b>CONNECTIONS</b>			
Inverter Connection	Single phase Canadiansolar inverters	Three phase Canadiansolar inverters	
Max. Inverter number	10		80
Monitoring connection	WiFi stick or GPRS stick for single inverter connection WiFi box or GPRS box for 2-10 inverter connection		WiFi box or GPRS box (Built-in)
Grid Connection	1/N/P	3/(N)+PE	3/N+PE
<b>CT CONNECTION</b>			
CT Connection	Plug terminal		
Recommended CT input Current Range	100A/300A/600A/1000A/1500A/2000A/3000A(optional)		
CT Secondary Current	5A		
<b>VOLTAGE SUPPLY</b>			
Totally RS485 Cable Length		1000 m	
Standard CT Cable Length		10 m	
<b>VOLTAGE SUPPLY</b>			
Voltage Supply	Grid		
Input Voltage	L to N: 100~277Vac, 50/60 Hz		
Power Consumption	<5W		<15W
<b>AMBIENT CONDITIONS DURING OPERATION</b>			
Ambient Temperature	-25 ° C to +60 ° C		
Degree of protection (according to EN IEC 60529)	IP65		
Maximum Permissible Value for Relative Humidity (non-condensing)	5% to 95%		
<b>GENERAL DATA</b>			
Dimensions (W / H / D)	364mm X 276mm X 114mm		488mm X 445.8mm X 149mm
Weight	2.1kg		5.35kg
Mounting Location	Indoor and out door		
Deployment options	Wall mounting		
<b>FEATURES</b>			
Operation	Via LCD		
Control Time	5 s		
Fail Safe Function and Control Time	Yes, 5 s		
Accuracy	0.03		
Remote Upgrade	Support		

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to on-going innovation, research and product enhancement, Canadian Solar Inc. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

Caution: For professional use only. The installation and handling of PV equipment requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the product.

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