

GSM Module

The GSM controller is a communication tool designed by Microcare to interact with the Inverter. Installed inside a Microcare Bi-Directional inverter features include: Load, Battery voltage & AC voltage indicators; access to remotely turn ON/OFF the inverter; lock the inverter from being turned ON/OFF; receive reports on the status of the inverter and any changes or faults.

The GSM module can be ordered pre-installed on new orders or factory fitted to existing units.



Messages	Errors
Warning, Inverter Temperature High	Error, Inverter Overloaded
Warning, Inverter Overloaded	Error, Inverter output Short circuit
Warning, Inverter Battery Running Low	Error, Inverter Over Temperature
Warning, Check Inverter Input Frequency	Error, Inverter Battery Low
Inverter Returned to Normal	Error, Inverter Battery Too Soft
Inverter turned off	Error, Inverter Input out of Sync

Commands	Sent to GSM	Received from GSM
Admin Commands	ADMIN SETADM 0831234567	The GSM module will accept commands from this number, and only this number can add other numbers to the communications list.
	ADMIN CLRADM	Deletes the admin number so that a different administrator can be selected. (can only be done from admin number)
	ADMIN?	ADMIN? Will reply with the current admin number.
	ADMIN ADDN 0831234567	Add this number to the communications list, the GSM module will send messages to this number. (as well as the administrator)
	ADMIN REMN 0831234567	Remove this number from the communications list.
	ATCHECK	Will reply with airtime value.
Status Commands	Turn off	Will reply "Inverter Turned Off" if successful.
	Turn on	Turn on Will reply "Inverter Turned On" if successful.
	Status inverter	The inverter will reply with: Load %,Bat V, Bat I, AC V, AV I, INV Temp.
	Status inverter direct	The inverter will reply with: Inv size KW, Inv ON/OFF/CHR, Load %,Bat V, Bat I, AC V, AV I, INV Temp, Serial NO.
	Status GSM	The GSM Will reply with: date & time, Network strength, Airtime value.
	Status inv disable	To stop receiving automatic status updates.
GSM Commands	Lock 123456	Locks the inverter from being turned on or off manually.
	unlock 123456	Unlocks the inverter to being turned on or off manually.
	Grid Status	You will receive a SMS if the grid connects or disconnects.