SelfChill Remote Monitoring and Control System

The SelfChill Remote Monitoring and Control System serves as an efficient and intelligent solution for managing cooling systems. It is a comprehensive solution designed to provide real-time monitoring, data acquisition and control for various environmental parameters and equipment statuses

Features

Easy to Install
The SelfChill Remote monitoring system is a plug-and-play solution which is easy to install. The sensors supplied are equipped with reverse polarity protection.

Multiple Applications
A wide range of sensors including voltage, door, and temperature sensors are supported. Additional sensors can be seamlessly integrated ensuring adaptability to changing environmental and operational needs.

User friendly Interface
The dashboards of the remote monitoring platform provide clear visualizations of monitored parameters, trends and historical data for easy interpretation and analysis

Power Back up and Data Storage
A built-in power backup system ensures uninterrupted operation of the monitoring system even during power outages. At the same time, real time and historical data is

Specifications and Functions	
Interface and Connections	
RS232 interface	1
RS485 interface	2
Ethernet interface	1
N° of inverter, controller, genset connections 128	128
N° of different inverter, controller, genset types 3	3
Analog sensors	4
Digital sensors 8 (in total for digital and pulse)	8 (in total for digital and pulse)
Pulse sensors 8 (in total for digital and pulse)	8 (in total for digital and pulse)
Sensor extension box connection	✓
Bluetooth connection	✓
Data transfer	
Wi-Fi	✓
GSM	(2- 4G)
LAN	✓
Data transfer after connection losses	✓
	✓
Control and logic	
On-site logic circuits	✓
Remote control of inverters	✓
N° of relays 6	6
Remote control of relays	✓
Edge calculations	✓
Data storage	
SD card	✓
Local data storage	✓
Power supply	
External power supply	12 - 30 VDC
Backup power 2 Ah	2 Ah
Box setup	✓
Setup software	✓
Change EcoPhi Box settings from platform	✓
Change EcoPhi Box setting via SMS	✓
More	
On-Site alarms	✓
SMS alarms	✓
On-site display	✓
Camera connection	✓

Order Options	
Article No.	Name
392870	Camera SelfChill Remote Monitoring
392871	Display SelfChill Remote Monitoring
303839	1-Year Subscription SelfChill Remote Monitoring Platform
392962	Temperature Sensor Box SelfChill Remote Monitoring
392963	Flow Sensor SelfChill Remote Monitoring
392964	String Monitoring Unit SelfChill Remote Monitoring