

# GSV2

## datasheet



**Smart solutions**  
for new energy systems

SICE DISTRIBUTORE UFFICIALE: [www.sicetelecom.it](http://www.sicetelecom.it)

# Base Unit

## Management

Management interfaces web interface, SNMP, ssh, API

Data ports 10/100 BaseT RJ45  
WiFi IEEE 802.11b/g/n  
USB-B console

## Interfaces

Interfaces 10/100 BaseT RJ45, IEEE 802.3af PoE  
RJ12 Sync In (uGPS compatible)  
RJ12 Sync Out  
Main Power Input, 2 x 4mm wire terminal  
3 x Cartridge Input, 2 x 4mm wire terminal  
GPS antenna N-Type female  
GND 4mm lug  
OPT button

Status indicators Front: Sync led (green), Status led (blue), Alarm led (red)  
Rear: 7 x Input presence led, CPU status led, Power Good led

## Power

Input voltage +/- 10-60 VDC, polarity inversion protection

Consumption < 15 Watt (with 3 cartridges on)

## Mechanical

Dimension (LxWxD) 275 x 443 x 45 mm

Weight 8 kg

Enclosure material Varnished Iron

## Environmental

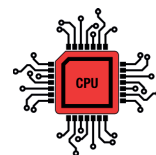
Operating temperature -40 / +85°C

Operating umidity 5% - 90% non condensing



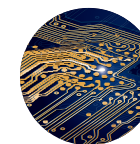
**GigaSync is designed to power every kind of devices by Power over Ethernet standard or directly by bipolar terminal blocks.**

**The Base Unit can handle up to 3 different Cartridges, up to 12 outputs ports. Power Source can be different in voltage and belongs to many power supplies.**



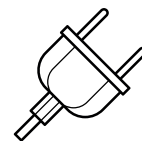
### CPU

- Fast software and firmware update
- internal storage of every parameter
- Dynamic Web Interface warning e critical event logging
- Internet connection through integrated WiFi



### DESIGN

- SW/FW updates without service interruption
- Hot Swap
- zero input to output voltage drop and self consumption reduction
- input voltage detection and accurate measurement



### FEATURES

- 2 input terminal blocks for each cartridge
- input voltage presence led indicator for each input terminal block
- Cambium uGPS power out on Sync In port
- USB console port



### INTERFACE

- the web interface shows voltage, temperature and load instant value and graphs
- through the command line interface you can read status and send commands to the GigaSync
- Flexible management system integration

# PoE Cartridge / CS



## Interfaces

Ethernet interfaces	10/100/1000 BaseT RJ45 PoE + Data 10/100/1000 BaseT RJ45 Data In
Port mapping	4 x 9.KEY slot
Status indicators	4 x multicolor leds

## Power

Max output current	3A per port
Peak Surge current	15 kA
Spark over voltage	90V
Mode of protection	All lines (1-8) protected (L-L) and (L-G)
SPD technology	2 stages: TVS, GDT

## Mechanical

Dimension (LxWxD)	126 x 235 x 45 mm
Weight	1,5 Kg
Enclosure material	Varnished Iron

## Synchronization (only CS model)

Protocol support	Canopy Sync, Cambium Sync
------------------	---------------------------

# Terminal Cartridge



## Interfaces

Power interfaces	4 x output ports, 2 x 4mm wire terminal
Status indicators	4 x multicolor leds

## Power

Max output current	3A per port
Peak Surge current	15 kA
Spark over voltage	90V
Mode of protection	All lines (1-2) protected (L-L) and (L-G)
SPD technology	2 stages: TVS, GDT

## Mechanical

Dimension (LxWxD)	126 x 235 x 45 mm
Weight	1,5 Kg
Enclosure material	Varnished Iron