

The SYS500 is a versatile tool to monitor the most important parameters of inverter systems manufactured by CE+T.

It efficiently completes the existing monitoring range by filling the gap in between the SYS100 (Simplified Monitoring Unit) and the SYS3000 (Advanced Monitoring Unit).



Main advantages include :

- ✓ **Simple**
- ✓ **Versatile**
- ✓ **Powerful**
- ✓ **Cost-Effective**

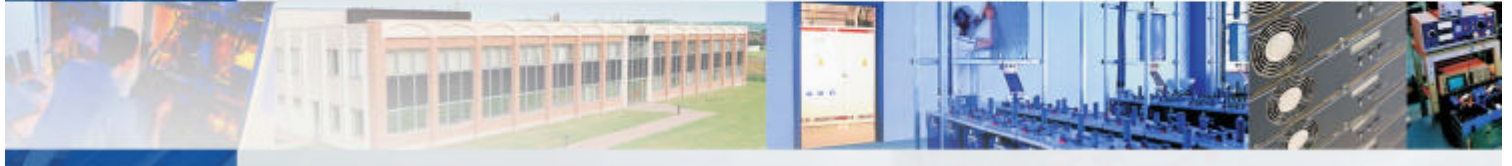
It offers a cost effective solution to monitor inverter systems where just a few important binary information are required to picture the system's status. The status can be obtained through free potential contacts or through an SNMP interface as optional add-on.

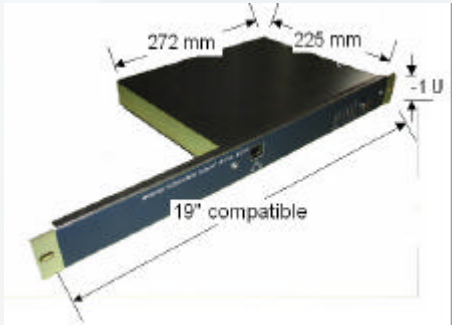
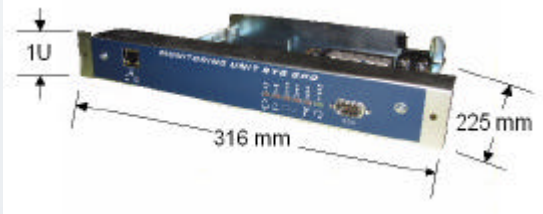
Moreover SYS500 can be used to set up inverters modules such as the Miniflex HDI and the RDI range.

It is compatible with all products where a communication bus is available:

- ⇒ RDI, stand alone and parallelized systems
- ⇒ ARCON RDI
- ⇒ Miniflex HDI
- ⇒ ARCON ST

Technical features



GENERAL Power consumption \cong 5W \cong 10W with SNMP Agent Safety EN 60 950 Cooling Natural EMI, radiated EN 55 022, class B Vibration IEC 721-3-3 Shock IEC 721-3-2		USER INTERFACE Signalizations LED's and RS-232C serial link Relay contacts: ↗ "Urgent Alarm" ↗ "Non-Urgent Alarm" ↗ "Maintenance Required" ↗ "Power Saturation Monitoring" or "Redundancy Compliance" (*) ↗ "V _{in} too low" or "Inverter Manually off" or "Mains failure" or "V _{out} out of range" or "Load on Mains (Grid)" (*) (*) User selectable with PC under "HyperTerminal" or VT100 type terminal	
ENVIRONMENT Altitude above sea < 2000 m Amb. temperature -25 ... + 55°C Storage temp. -40 ... +80°C Relative humidity 10 ... 90 % w/o condensing			
INPUT SUPPLIES Voltage range 36 ... 72 V _{DC} Inrush current EN 300132-1 Nominal Current 140mA 240mA with SNMP agent Input fuses 2 x 3.15 A, 250V internal		COMMUNICATION CAPABILITIES <ul style="list-style-type: none"> • RS-232C serial link for communication under 'HyperTerminal' mode or VT100 • Ethernet and TCP/IP connection with optional add-on. Provide browser and trap features. 	
OUTPUT RELAY CONTACTS (Resistive load) Max DC operating voltage 250 V _{dc} Max DC switching current 60W Max AC switching current 250VA UL contacts rating @30V _{dc} 2A UL contacts rating @100V _{dc} 0.6A Availability of contacts Screw terminals Serial link complies with RS-232C standard (Hardware and protocol)		WEIGHT & DIMENSIONS Width: ↗ 19inches housing 440mm ↗ HDS type housing 316mm Width, body 272mm Depth 225mm Height, body 44,5 mm (1U – 1HE) Weight: ↗ 19inches housing 1,8Kg ↗ HDS type housing 0,65Kg Material (casing) Aluminum	
With 19inches housing 		With HDS type housing (Miniflex sub-rack) 	
PRODUCT REFERENCES			
↗ SYS500 Monitoring unit for 19" mounting (*)		V510489066	
↗ SYS500 Monitoring for HDS slot mounting		V510489067	
↗ SYS500 assy for 19" w/SNMP agent		V510489068	
↗ SYS500 assy for HDS slot w/SNMP agent		V510489069	