

Customer: _____
 Fax: _____
 E-mail: _____
 Project number: _____

SPECIAL NET OFFER

We supply datalogger systems according to your requirements. If you want assistance for selecting items, please contact us!

Description	Code	notes	Qty	Price PP	Total
EKOPOWER EXPORT PRICE LIST (NET PRICES)			Blue section: most used items		
GENERAL			please specify required items		
			Euro (ex VAT/BTW)		
Basic logger unit 10 OR 12 bits resolution!	EKO21BASIC	Logger without inputs incl. standard PC control software including serial cable for connection Eko21 to PC and one standard memory card 16 Mb (no inputs)			
Compact Flash Memory card 16Mb	CF16M	Prepared for Eko21 (2 cards/logger recommended)			
CF Card reader for PC	CF-DRIVE-USB	Via USB for desktop PC (if no notebook)			
CF to PCMCIA (or PC Card) adaptor	CF-PCMCIA	PCMCIA or PC Card slots (for notebooks eg)			
Option for automatic downloading	EKO21-AD	With automatic download feature			
Dataprocessing Utilities	E21-UTIL	For processing wind data, supplied on CD-ROM			
Pocket PC	PPC-E21	Pocket PC for local display & cotrol incl software and serial cable (complete system)			
Compact Flash Memory card >16Mb		On request up to 512 Mbyte			
CF Cardbox	CF-CARDBOX	Protection box for CF card			

SENSOR INPUTS/OUTPUTS: make your selection

Wind speed input (MAX40+/first class)	MAX-IN	Resolution average values 0,01 m/s			
Wind vane type input	VANE-IN	With polar average technique, incl excitation			
Analog input voltage	ANAL-IN-V	0..5 (or other for humidity/solar/atm pressure/uv)			
Analog input current	ANAL-IN-C	0/4...20 mA			
Thermistor input	THER-IN	For low cost precision temperature mesurements			
Status input	STAT-IN	Contact or voltage level			
Counter input (up to 255 pulses)	COUNT-IN	Up to max 8 counters for eg rain collector			
Analog input (mV)	ANAL-IN-SP	Specify input e.g. 0-10 mV for solarimeter			
Frequency input	FREQ-IN	Specify range			
Puls input for reed contact	PULS-IN	For all reed contact anemometers (like 7911)			
Voltage or current input	VI-IN-POLAR	With polar average technique			
Serial RS232 Input	SERIAL-IN	Specify format/protocol/ also available for windsonic			
Alarm output (open collector)	ALARM-21	For control applications (with optional SMS message)			

SENSORS & TRANSDUCERS (prices exl INPUTS!)

Standard EKO meteo-sensors: cost effective and good quality: for general use, see blue selection

Improved MAX40 anemometer	MAX40+	Upgraded MAX-40 e.g. stainless steel stub + 2 m.			
Wind direction	DIR21+	Improved standard windvane			
Temp sensor + 5 m cable	TS21	Low power, accuracy typ 0.2 C (optional WS21!!)			
Weather screen for TS21	WS21	for temperature TS21 and/or humidity sensor HUM21			
Temp/Humidity+WS21 +5 m cable	TS-HUM21	Low cost temp/humidity sensor in shield WS21+5m			
Atmospheric Pressure	APS21	Low power, accuracy< 1mB			
Rain collector 0.2mm	7852M	Standard rain collector			
Solar radiation	6450	Low cost model			
Other sensor options a wide range of sensors are available: contact your supplier for information					
Research certificate (acc. 0.1 m/s)	CAL-0.1	Pre or post calibration MEASNET procedure windspeed			
Standard certificate	CAL-ST	Pre calibration for MAX40+ traceable to NIST			
First class anemometer	ANEMO-1	For wind turbine testing (meets the new IEC standard)			
Special Windsensors Available	ANEMO-SPEC	Thies/Vector/RM Young/Climatronics/Windsonic/etc.			
MAX40 anemometer standard	MAX40	with boot exl mounting materials			

Stainless steel stubmast for MAX40 low cost anemometer/windvane	SS-Stub 7911	for non-professional applications
Special Wind vanes Available	VANE-SPEC	Marine windvanes, solid state, acoustic
Density of air	DENSITY	Important for wind energy measurements
Atmospheric Pressure (professional)	276	Professional barometer
Solar radiation (professional)	SOL-PROF	Professional types available like Kipp & Zn
UV sensor	6490	Several types available
Temperature & humidity combination	HT-732-H	Thermistor + Voltage output for RH (professional)
Special sensors	SENSOR-SPEC	Gas sensors/Flow/ Soil moisture/Leafwetness/etc
Power (Watts, AC/DC), Voltage (AC/DC), Current (AC or DC) All kinds of transducers available!		
current transformer DC 0..25 A	I-DC-25A	For isolated DC current measurements (Hall sensor)
for sensors/transducers with 0/4...20 mA output refer to separate list		

SENSOR ACCESSORIES

Lightning protection up to 20.000A	LIGHTN-EKO21	Especially recommended for wind inputs
Excitation of sensors	EXC-SW	Switched excitation for temperature, pressure etc.
Cable single MAX	CABL-MAX	For single anemometer p/m (also for temp sensor)
Cable single DIR	CABL-DIR	For single wind vane (or HUM21/TS21)
Cable Connection kit	Con-kit	Waterproof connection kit for cable extensions
Weather screen for 732	SC730	for temperature/humidity sensor 732 (professional)
Heater rain coll	HEATER-RC	Including power supply
Heater anemometer or vane	HEATER-AN	12 v DC required
Bracket for boom	BRAC-BOOM	
Mounting arm	7702	For mounting sensor (pole diameter max 50 mm)

COMMUNICATION

Modem (9600 Bd)	MOD9600	Communication via telephone + software
GSM modem set	GSM-E21	Incl. control software and timer switch
GPRS modem for Internet Connection	GPRS-FTP	Data is send wireless automatic direct to ftp server
Wireless Internet Connection website	GPRS-WEB	Data is send wireless direct to internet/website Read values or historical graphs from website! Price depending on requirements starting from 385 euro
Alarm message via SMS	SMS-ALARM	Alarm message to SMS (GSM)
Alarm message via GPRS to E-mail	GPRS-EMAIL	Alarm message to e mail address
Ethernet connection	ETH-E21	Eko21 with ethernet connector & software
RADIO modems/satellite	RAD-e21	Communication via Spread Spectrum or UHF/satellite

POWER SUPPLY

Lithium battery (basic battery)	LITH9V	1 battery life up to 3 months for 21B
Alkaline battery (basic battery)	ALK9V	1 battery life up to 50 days for 21B
External Battery pack alkaline	BATPACK-ALK	For up to 2 years of operation for 21B
External Battery pack holder for Li	BATPACK-H	for 2 C-Cells lithium
Li Battery pack	BATPACK-LI	2 C-cells lithium high temp range (up to 1 year)
Power supply with NiMH backup	PS+NIMH	For operation with mains supply 220 V AC
Solar power supply for EKO21	SOL-E21	Complete solar power kit (6V) for EKO21 only
Solar PV power supply for GSM	SOL-GSM	Solar power 12V/7Watt/7Ah/regulator for GSM+EKO21
Solar PV power supply for GPRS	SOL-GPRS	Solar 6V/2.5Watt/12Ah/regulator for GPRS+EKO21-ip
Stainless steel bracket for SOL-GSM	SS-bracket	For mounting at tripod or small mast

CABINETS

Cabinet polyester IP659 with lock	MCASE21-W	Vandalism resistant, white coated incl wall brackets
Stainless steel bracket for MCASE21	SS-bracket	For mounting at tripod or small mast
Cabinet polyester IP659 with lock	MCASE21	Vandalism resistant, standard grey incl wall brackets
Extra cabinet steel	MCASE21SS	Stainless steel including lock (small model)
Brackets for mounting on mast 16 cm	BRACKM21	Stainless steel for MCASE21 or for SOL-GSM/GPRS

MASTS & TRIPODS

Tripod stainless steel (1.75 m)	tripod+	Incl. baseplate
Tripod galvanised	tripod gal	Incl. baseplate
30 meter mast	MAST30	450 kg - 1.3 m3
40 meter mast	MAST40	600 kg - 1.8 m3
50 meter mast	MAST50	758 kg - 2.2 m3
55 meter mast	MAST55	838 kg - 2.4 m3
80 meter mast	MAST80	
Winch	WINCH	65 kg (up to 3 tons)
Ginpole	GINP	113 kg - 0.4 m3
Boom	BOOMIEC	4 kg - 0.08 m3 (meets IEC standards)
Topsection	TOPSEC	4 kg - 0.08 m3 (for anemometer & wind vane)
Mounting boom	BOOMMOUNT	4 kg - 0.08 m3 (for cabinet or temperature sensor)
Brackets for mounting on mast 16 cm	BRACKM21	Stainless steel for MCASE21 or for SOL-GSM/GPRS

OTHER OPTIONS & Charges

Engineering, configuration & testing the system		
Humidity sealing(recommended for field versions)		
SpecialDocuments (like original Certificate of Origin for special confuguration)		
Training		520 euro each day excl travelling costs

TOTAL euro ex btw/vat

Freight: EKO21 materials and sensors to be calculated

Freight of mast complete system with wires, base plate, lightning spike, grounding kit

GRAND TOTAL euro ex btw/vat

Prices may change without prior notice

Insurance: optional Condition: prepayment

Warrantee: 1 year (carry in)

Time for delivery: to be agreed, usual within some weeks

PRICES: Export, in Euro, NET ex VAT ex works Eindhoven.

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