

PRODUCT	COST	PART CODE	DESCRIPTION	EME SYSTEMS, LLC	PRICE LIST 2018
---------	------	-----------	-------------	------------------	-----------------

### Amplifiers

FOR USE WITH LI-COR OR APOGEE LIGHT SENSORS

UTA			Transconductance amplifier. Current-in, voltage-out		
standard		135.00	UTA		screw down terminals
add BNC	add	10.00	/BNC		bnc connector
add low-light	add	10.00	/LL		extends lower range of amplifier closer to ground
no enclosure	subtract	15.00	/NE		Amplifier board only, no enclosure

UCLC			Current loop. Current in,4-20 current loop		
standard		135.00	UCLC		screw down terminals
add BNC	add	10.00	/BNC		bnc connector
no enclosure	subtract	15.00	/NE		

GENERAL PURPOSE AMPLIFIER

USEA			General purpose single-ended amplifier. Converts voltage-input to voltage-out. Wide range of gains available.		
standard		140.00	USEA		
add offset	add	10.00	/OFFSET		
no enclosure	subtract	15.00	/NE		

<b>VICO</b>		65.00	VICO		general purpose amplifier, converts voltage-input to current out (usually 0-20mA output)
VIC Cable		8.00	/VIC		3-conductor cable (connects to HOBO)

### Sensors

Light Level Sensors

LI-COR					
LI-190R PAR Quantum Sensor	base	520.00	LI-190R		PAR Quantum Sensor
LI-200R Pyranometer	base	325.00	LI-200R		Pyranometer
LI-210R Photometer	base	535.00	LI-210R		Photometer
options					
Bare leads		0.00	/BL		sensor terminates in bare wire leads
BNC connector	add	18.00	/BNC		sensor terminates in BNC connector
2 meter cable		0.00	/2		2 meter cable and base that attach to sensor
5 meter cable	add	7.00	/5		5 meter cable and base that attach to sensor
15 meter cable	add	30.00	/15		15meter cable and base that attach to sensor
50 meter cable	add	115.00	/50		50 meter cable and base that attach to sensor
LI-2003S		68.00	/LF		adjustable leveling fixture

<b>Older LI-COR sensor</b>				
LI-200SZ-10		255.00	LI-200/10	10 feet of cable
LI-200SZ-50		305.00	LI-200/50	50 feet of cable
LI-193SA Underwater Quantum		930.00	LI-193SA	Underwater Quantum Sensor
<b>Temperature/Humidity Sensors</b>				
<b>SHT15DV</b>				
add assembled radiation shield	add	125.00	SHT15	precision temperature and humidity sensor on a mountable PCB board
add unassembled radiation shield	add	100.00	/ARS	includes assembled DAVIS DV7714 radiation shield. Specify metric (/M) or inches.
		85.00	/URS	includes unassembled DAVIS DV7714 radiation shield. Specify metric (/M) or inches.
<b>SHT31DV temperature sensor</b>				
bare board			SHT31DV	precision temperature and humidity sensor on a mountable PCB board
cable			/OEM	
PG7 gland			/C	includes 18 ft. 4-conductor cable
PG7 gland with 3 meter cable			/PG	secured and potted in a PG7 gland nut
			/3M	secured and potted in a PG7 gland nut with 3 meter 4-conductor cable
<b>SHT75PG</b>				
3M		145.00	SHT75PG	precision temperature and humidity sensor housed in PG7 gland nut
OEM		85.00	/3M	3 meters, 4 conductor cable
RJ11		135.00	/OEM	potted in PG7 connector with 4 wires
			/RJ11	RJ11 connector
<b>TF Temperature Farenheit Sensor</b>				
TF/10, 10 ft cable		85.00	TF	small profile temperature sensor mounted on 3-conductor cable. Farenheit output.
TF/30, 30 ft cable		95.00	/10	with 3 feet of cable
			/30	with 30 feet of cable
<b>Leaf Wetness Sensor</b>				
<b>LWET</b>				
standard		95.00	LWET	Leaf wetness sensor with built in excitation, mountable.
not painted		95.00	/p	Sensing grid painted with latex paint giving response time more akin to an actual leaf
			/np	sensing grid left unpainted.
<b>Barometric Pressure Sensor</b>				
Barometer		125.00	Baro5803	barometer module with enclosure
<b>Soil Moisture Sensors</b>				
<b>SMX</b>				
unencapsulated		24.00	SMX	provides electrical excitation for IRROMETER Watermark sensor
encapsulated		70.00	/OEM	OEM board
SMX2T		57.00	/E	encapsulated in epoxy
SMX4-20		35.00	SMX2T	transformer isolated SMX sensor
			SMX4-20	SMX with 4-20 mA loop
<b>IRROMETER</b>				
Watermark Sensor		36.00	200SS	Soil water tension sensor

<b>DAVIS</b>			
Anemometer	155.00	DV6410	Wind speed and direction
Rain Gauge	105.00	DV7852M	Tipping bucket rain gauge metric
Rain Gauge	105.00	DV7852	Tipping bucket rain gauge inches
Radiation Shield, assembled	100.00	DV7714	Passive radiation shield, pre-assembled
Radiation Shield, unassembled	85.00	DV7714/UA	Passive radiation shield, assembly required

### Data Loggers

<b>OWL2p</b>			
core module	185.00	OWL2PE	
add TB1032	85.00	/TB1032	
add TB1048	160.00	/TB1048	

<b>OWL3pro</b>			
core module	115.00	OWL3pro	
custom options			OWL3pro is usually customized to customer's application. Please contact sales for options and cost.

<b>CT515</b>			
		CT515	counter/debouncer for use with OWL data loggers or general purpose
QTY 1-4	8.00		
QTY 5-9	7.00		
QTY 10-24	6.50		
QTY 25+	5.50		

### Power Accessories

<b>Solar Panels</b>			
5 Watt SP5	90.00	SP5	5 Watt, 0.28A Solar Panel
10 Watt SP10	100.00	SP10	10 Watt, 0.59A Solar Panel, with mounting bracket
20 Watt SP20	140.00	SP20	20 Watt, 1.17A Solar Panel, with mounting bracket

<b>Batteries</b>			
B1207	35.00	B1207	12 volt -7.2 amp
B0612	35.00	B0612	6 volt - 12 amp

<b>Battery Chargers</b>			
CG1129 12 volt battery charger	85.00	CG1129	12 volt SLA float battery charger with wiring harness
CG3652	85.00	CG3652	6V with charger module. Set to charge 6V battery from 12 V solar panel.

### Enclosures

<b>EFG1008</b>	245.00	EFG1008	Fiberglass 8x10x4
----------------	--------	---------	-------------------

### Bat-Hat

base-price		310.00	BH
add cable	add	3.50 per meter	/(no of meters)
bracket 1a, 2b, btm	no charge	0.00	/1b,2b, or btm
bracket 3b	add	7.00	/3b
no reflector	subtract	10.00	/nr

### Bat-Hat Accessories

EFG1008BH	245.00	Fiberglass Enclosure: 8x10x4
B1207	35.00	Sealed Pb-acid, 12 volt, 7Ah
CG1129BH	85.00	battery charger
AE1205	120.00	solar panel, 5-watt
AE1210	180.00	solar panel 10-watt

### Miscellaneous

<b>Stache</b>	119.00	micro-programmer for BASIC Stamp II
---------------	--------	-------------------------------------