



H3 Plus

THREE-PHASE **HYBRID INVERTER**



LONG BACK UP CAPABILITY

More than 3 hours backup power available.



EPS FUNCTION

Less than 10ms switch time.



HIGH EFFICIENCY

Ensuring optimal energy conversion and minimal losses.



FLEXIBLE APPLICATION

With power range and battery configuration to suit different project requirements.



Advanced System Monitoring
with **FoxCloud V2.0**

Fox ESS H3 Plus is a state-of-the-art hybrid inverter models designed for maximum efficiency and reliability. With outstanding specifications and advanced features it is a market changer in commercial applications.

50kW ...>> **125kW**



For more information about the Fox ESS range, visit:
www.fox-ess.com





CQ16

HIGH VOLTAGE STORAGE BATTERY



- Scalable to 241.05kWh
- 90% Depth of Discharge
- Floor Mounting
- Easy installation
- IP20 Protection Level
- High Voltage and High Efficiency
- Intelligent air cooling control



SAFETY
RELIABLE



EASY
INSTALLATION



HIGH
EFFICIENCY



EXPANDABLE
SYSTEM



90%
DOD

The CQ16 is a high-performance, scalable battery storage system, allows for maximum flexibility, making it suitable for a broad range of storage applications.



- Scalable from 64.28 - 241.05 kWh
- One CQ BOX required for each battery system



For more information about the Fox ESS range, visit:
www.fox-ess.com



OUR OFFICE LOCATION
 MITSUMI BUSINESS PARK
 9th FLOOR
 WESTLANDS NAIROBI.
www.fox-ess.com
www.kerusolar.com

QUOTATION

MONROVIAN MALL PROPOED SOLAR HYBRID PV SYSTEM

No	DESCRIPTION	UNITS	QTY	RATE (KSHS)	AMOUNT (KSHS)
PV SYSTEM EQUIPMENT					
1	625 Watts Monocrystalline silicon cells PV solar panels	No.	168	16,250	2,730,000
2	Flat concrete roof mounting structure (alluminum), complete with mid clamps, end clamps, and all other accessories (structure to securely hold the solar panels). Alluminium Fabricated	Lot	1	2,517,375	2,517,375
3	1000V PV wires complete with MC4 module connectors and all necessary wiring accessories for the above solar modules.	Lot	1	101,250	101,250
4	1000V, 20A, 10 strings DC array junction box complete with DC disconnect Circuit breakers. The enclosure should be made of Polyester reinforced fibreglass and be of IP65 rating.	No.	1	133,660	133,660
5	DC Surge Arrester class type 2, max 12.5kA discharge current, 500VDC 25ns response time, IP20 protection	No.	1	26,933	26,933
6	Fox Ess 3-Phase H3 Plus 60KW Inverter	No.	1	750,000	750,000
7	CQ 16 (16.1Kwh) Stakable Lithium Ion High Voltage Storage Battery -150Kwh	KWh	9	370,000	3,330,000
8	AC Encloser Box as manufactured by Specialised power system or Schneider Electric. IP54 Form1b, metal clad, cubicle pattern, comprising of Schneider electric or ABB or Equal and approved switchgear as follows:-(a)One incomer 50A 3P MCCB. (b) One outgoer rated at 50 A TP MCCBs. (c) Three outgoers in number rated at 50 A SP MCCBs (d) Dimentions: Approximate ;800mm height* 600mm width* 250mm depth. (e) 63A AC type II surge arrestor (f) Include phase presence indicator lamps.	No.	1	135,000	135,000
9	4x70.0mm ² armoured copper cable drawn in concealed H/G PVC conduit from PV inverter to AC encloser box.	m	60	6,500	390,000
10	1x95.0mm ² copper battery cable	m	30	3,000	90,000
11	Cable tray 200mm by 50mm complete with cover	m	20	3,746	74,920
12	1x2.5mm ² SC PVC CU earthing cable	m	200	60	12,000
13	1x16.0mm ² SC PVC CU earthing cable	m	70	400	28,000
14	Accessories (PVC trunking, MC4 Connectors, Flex Conduits, sleeves, glands, cable Lugs,)	Item	1	100,000	100,000
LIGHTNING PROTECTION SYSTEM					
15	Copper tape as FURSE TC 030	m	140	2,000	280,000
16	A set of Copper rod multiple points (spikes) as RA 605 & RA 525	No	3	3,780	11,340
17	Copper bond earth electrode, 12.5mmØ x 1500 mm long; complete with clamp as FURSE RB110 c/w driving studs and couplers c/w test clamps, as necessary to achieve earth electrode resistance of not more than 1 ohms at all points.	No	3	945	2,835
18	Test clamp screws down as FURSE 305	No	3	338	1,014
19	Earth Treatment and Bonding	No	3	10,000	30,000
Sub-Total					10,744,327
LABOR					
20	Design, Installation, Commissioning & Maintenance Cost	Lot	1	2,148,865	2,148,865
Sub-Total					2,148,865
GRAND TOTAL					12,893,192

TERMS & CONDITIONS

1. Warranty is 10 years for Batteriers and Inverters and 15 Years for PV modules
2. Maintaine of the system will by provided for the warranty periods and can be extended after if need be
3. System has to be online at all times for remote monitoring
4. Payment Terms is to Pay 50% and clear balance 50% within 3-6 months
5. This quotation is valid for 21 days only.
6. Procurement and installation to be completed in 90 days