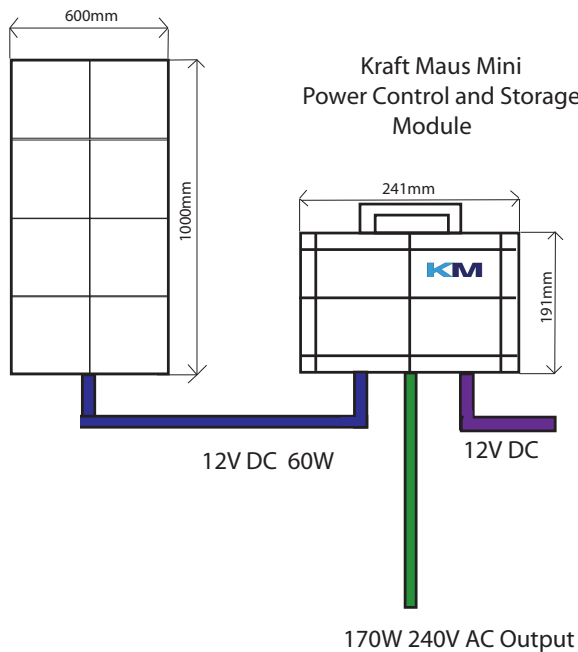


KRAFT MAUS MINI	
Maximum Output (AC)	170 W (Watts)
Maximum Output (12V DC)	100 W (Watts)
Battery Capacity	8/16 Ah (Ampere Hours)
Maximum Charge Current	5 A (Amperes)
Case Ingress Protection (Water and Dust)	Ip67
Size (H x W x L)	241 x 191 x 108mm
Solar Panel Maximum Output	62 W (Watts)
Solar Panel Size and Weight	600 x 1000mm 3kg (kilograms)
Solar Panel Protection	Flexible, toughened waterproof covering
Control and storage module weight	8Ah=5.5 kg 16Ah=10 (Kilograms)
Connection ingress protection:	Ip66

SYSTEM SCHEMATIC

12V 60W Flexible Photovoltaic Panel



Kraft Maus Mini is designed to be light and very easily transportable. Its set up procedure consists of simply plugging in the solar panel.

In solar conditions of $1000W/m^2$ the unit can provide 60W continuously. There is the option of 8 or 16 Ah of battery storage for an extra 8 to 16 hours of 12W phone charging (likewise 4 or 8 hours of 24W charging) in non solar-charging conditions (bad weather or night time).

The smaller unit in the Kraft Maus range has been designed primarily for mobile phone and laptop charging. Originally conceived as a livelihood support tool whereby a charity supplies the means for a family, individual or group of people to earn a sustainable living. In this case the living would come from creating revenue from charging appliances via renewable energy.