



Micergy

All-terrain Power Station

(3KW Inverter / 4.2kWh Battery)

Micergy AI-03M is a 4.2kWh mighty mobile power station, ideal for solar systems, off-grid setups, and emergency power supply. It incorporates an advanced BMS (Battery Management System) for safe operation across a broad temperature range, ensuring quick and secure charging even at temperatures as low as -20°C. Designed for durability, it has an estimated lifespan of approximately 20 years. Its compact and elegant design delivers critical power wherever you need it. With its small footprint, it can traverse right where you need it and keep you powered with 6 GFCOutlets. The modular rail mounts and tow hitch unlock even more utility.

GENERAL SPECIFICATIONS	AI-03M
INVERTER POWER (KW)	3
BATTERY CAPACITY (KWh)	4.2
MAX CHARGE VOLTAGE	33.6V
CELL CONFIGURATION	8S1P
DIMENSION	L:660mm / W: 550mm / H:505mm
NET WEIGHT	93.4KG /205.91 LBS
AC INPUT BREAKER CAPACITY	63 Amps
AC INPUT VOLTAGE RANGE	160VAC to 260VAC (UPS Mode)
AC OUTPUT RECEPTACLE (ON FRONT PANEL)	6x 120V Receptacle (120VAC/240VAC)
USB PORT	USB-C/USB



Micergy

All-terrain Power Station

(18KW Inverter / 100kWh Battery)

Micergy AI-18M is a versatile 100kWh all-terrain power station, designed to meet a wide range of residential, industrial, and mobile energy needs. It provides reliable power for homes, warehouses, and industrial buildings while offering advanced EV charging capabilities with a 48A @ 220V, 11kW CCS1 charger gun. The exceptional mobility allows for all-terrain operation, with impressive towing capacity of up to 500lbs lift and 3500lbs towing max. Equipped with a 300ft range remote control, it ensures convenient operation, even in challenging environments. Built to handle rugged conditions, the features IP54 waterproof protection and supports both solar charging and grid charging, offering flexibility for off-grid or emergency use.

GENERAL SPECIFICATIONS	AI-18M
MODEL	Micergy AI-15M
INVERTER POWER (KVA)	22
BATTERY CAPACITY (KWh)	100
MAX CHARGE VOLTAGE	87.6V
CELL CONFIGURATION	24S2P
DIMENSION	L:170cm / W: 112cm / H:113cm
NET WEIGHT	1280KG / 2821.9LBS
PV IN CONNECTOR	Blue BE175
PV INPUT VOLTAGE	90VDC-230VDC (Open Circuit Voltage)
PV INPUT MAX CURRENT	2 * 80 Amps (14KW)
PV CHARGING VOLTAGE	90 V-230 VDC
DC PORT INPUT VOLTAGE RANGE	81.6 V-87.6 VDC
AC OUTPUT BREAKER CAPACITY	63 Amps
AC INPUT BREAKER CAPACITY	63 Amps
AC INPUT VOLTAGE RANGE	160VAC to 260VAC (UPS Mode)
AC INPUT CONNECTOR (ON THE SIDE)	NEMA SS2-50P (120VAC/240VAC , 50Amp)
AC OUTPUT RECEPTACLE (2*ON THE SIDE)	NEMA 14-50R (120VAC/240VAC , 50Amp)
AC OUTPUT RECEPTACLE (ON FRONT PANEL)	4x 120V Receptacle , 1x L14-30R (120VAC/240VAC , 30Amp)
COMMUNICATION PORT	2x Rs485, 1x Generator Kick Off Port , Wi-Fi