

## Mighty Motor



<b>Power</b>	750W brushless DC motor	
<b>Voltage</b>	24 V DC	
<b>Speed (rpm)</b>	1500 without gearbox 150 with gearbox	
<b>Attachments</b>	Food grater/slicer	100 kg/hr
	Oil expeller	3-5 L/hr
	Meat/kava mincer (#22)	200 kg/hr
	Flour/coffee/spice grinder	30-80 kg/hr
	Rice huller for brown rice	200 kg/hr
	Rice huller/polisher for white rice	30 kg/hr
<b>Upcoming potential applications</b>	Winnower Coffee cherry pulper Water pump Electric bike Carpentry tools Air blower / compressor	

- Mighty Motor is a solar powered machine to help process crops, pump water and other time-saving and value-adding activities.
- Can be supplied with 125W to 750W of solar panel depending on hours of usage, and a 720Wh LFP battery and 40A MPPT solar controller
- Includes a 240W power outlet to power other products (feed/hopper automation, lights, phone charger, inverter for AC power)
- Saves time from manual work, or diesel fuel needed for diesel mills, water pumps and generators - up to twice as efficient as AC machines
- Can be made for 100-240V AC power input as well, for application on solar minigrids or main power networks.