THE ENERGY BAR ENERGY BUFFER

Powering Commercial Coffee Machines

Making coffee and steaming milk requires significant power for short bursts. To make quality coffee, commercial coffee machines need high currents, delivered through high amp power points of 20 or 32 Amps, or through a 3-phase power point. High current power points are not readily available and may require expensive wiring.

Energy Buffer provides high current power

The Energy Buffer powers commercial coffee machines and other high current kitchen appliances using a normal household power point. The Energy Buffer can be used both while plugged in (Power Assist), or as a portable device (Battery Source). Developed in Australia, this world-first technology is perfect for mobile coffee carts and other similar applications.
The Energy Buffer is available in two different power levels depending on your needs. For further specifications refer to the table below.

Applications:

- Mobile coffee carts
- Additional café power
- Food service trolleys
- Outdoor bar set-ups

Specifications:

Models	EB100		EB200	
Battery Technology	Lithium Ion			
Battery Storage	100 Ah		200 Ah	
Modes	Battery Source	Power Assist	Battery Source	Power Assist
Coffee Machine Use	2 Group	2 or 3 Group		
Connectivity	Cloud Monitoring / Smart Phone / Local Display / Tablet			
GPS Tracking	Optional			
IP Rating Enclosure	IP 53 (min)			
IP Rating Electrical	IP 66 (min)			
IP Rating Enclosure	10 A Plug (standard plug and lead)			
Energy Buffer	10 / 32 A Socket			
System Voltage	240 V AC (1Ø + N + E)			

Battery Mode

Coffee Machine Use	2 Group	3 Group	2 Group	3 Group
*Run time (h)	5	5	10	10
*Total cups	250	200	500	400
Charge time (h)	2.2		4.5	

What is Power Assist Mode?

The Energy Buffer is plugged into the standard power point. When high current is required for heating the water or steaming milk, the Energy Buffer boosts the output power from the battery. When not using high power, the battery remains in charge mode, buffering the energy.

What is Battery Mode?

The appliance is powered by the Energy Buffer internal batteries (without being plugged into the power point). After use, the Energy Buffer can be plugged into a standard power point for charging. Full charge is attained in approximately 3 hours.