Spec Sheet

		InverterBrick500
System AC output	Type	Pure sinewave
	Norminal voltage	230VAC (5%)
	Norminal frequency	50Hz
	Continous output power	500W
	Peak output power	800W
	Maxium load (operation from AC input)	1,800W
	Efficiency	Min 90%
	Protection	Short circuit and overload prevention
	Emergency power supply (50ms)	Priority AC mains, auto-switchs over to inverter output on no mains supply under 50ms
	Outlet type	South African 3-pin socket plug
	Unique features	Bypasses inverter AC output while charging PowerBrick units from mains supply, emergency auto-switch power supply from mains to inverter supply, DC plug and play connection
System input	AC input voltage	220-240VAC
	AC input min current	0.85A
	AC input fuse rating	8A (glass 5x20mm) replaceble fuse
	DC Peco ports max voltage	14V
	DC Peco ports max current	45A
	Supported DC input types	Single or interconnected PowerBrick units up to 600W continous power
System DC output	Car cigarette lighter socket	13V, 8A (100W)
	USB-A output	5V, 2.4A (12W)
	USB-C PD	15W
	DC Peco ports (output)	13V, 8A (100W)
System indicators	Green LED Indicator	System DC voltage state (on or off)
	Voltage dial	System operating DC voltage level
	System fault	System auto shut-down on fault and has to be restarted after clearing the fault
	Alarm	Low DC input voltage (6.5V): long continous buzzer sound; on overload: short buzzer sound. The system has to be restarted after clearing the fault
General	System cooling	Power and temperature controlled fan
	Dimensions (L×W×H)	217x154x140mm
	Net weight	2.4kg
	Case material	Mild steel powder coated enclosure
	Protection class	IP21
	DC connectors	Automotive grade 12V connectors, non reversible and latched
	Operating temperature	10 ˚C(min), 25 ˚C (typical), 40 ˚C (max)
Package contents	InverterBrick unit with purchased PowerBrick unit	Included
	AC Kettle chord	Included
	DC Peco connector	Included
	Instruction manual	Included
	Product warranty	12 months (extendable by 12 months for registered product)

Terms and conditions apply