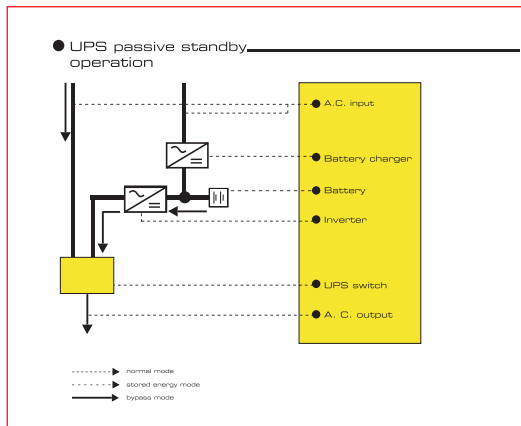


UPS passive

Single phase



Operating principle



In normal mode of operation, the load is supplied by the AC input primary power via the UPS switch. Additional devices may be incorporated to provide power conditioning, e.g. ferro resonant transformer or automatic tap changing transformers. The output frequency being dependent upon the AC input frequency.

When the AC input supply voltage is out of UPS preset tolerances, the UPS enters stored energy mode of operation, when the inverter is activated and the load transferred to the inverter directly or via the UPS switch (which may be electronic or electro-mechanical).

The battery/inverter combination maintains continuity of load power for the duration of the stored energy time or until the AC input supply voltage returns within UPS preset tolerances and the load is transferred back, whichever is the sooner.

Main Features

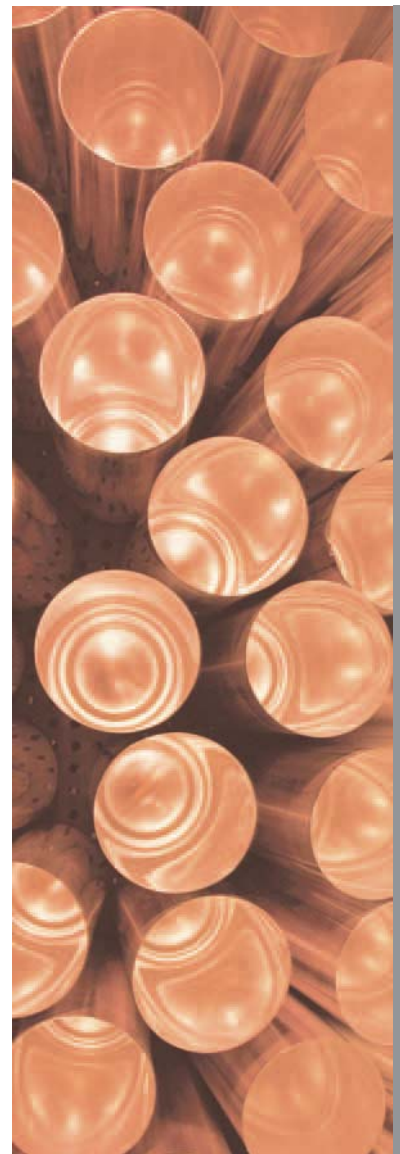
- Passive technology
- Backup time: depend on battery capacity (external battery)
- High efficiency
- Easy installation
- State of the art Mosfet technology
- Overload and short circuit protection
- Compact and low noise
- Optimized for use with generators

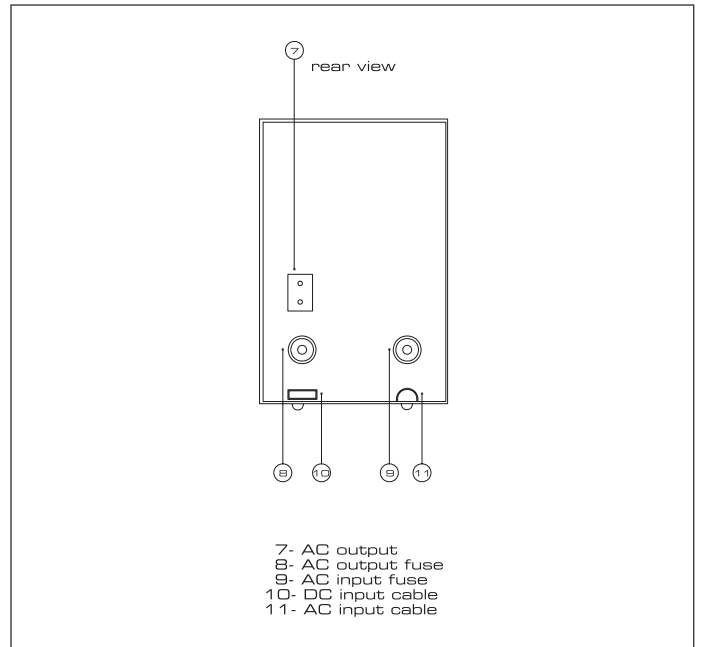
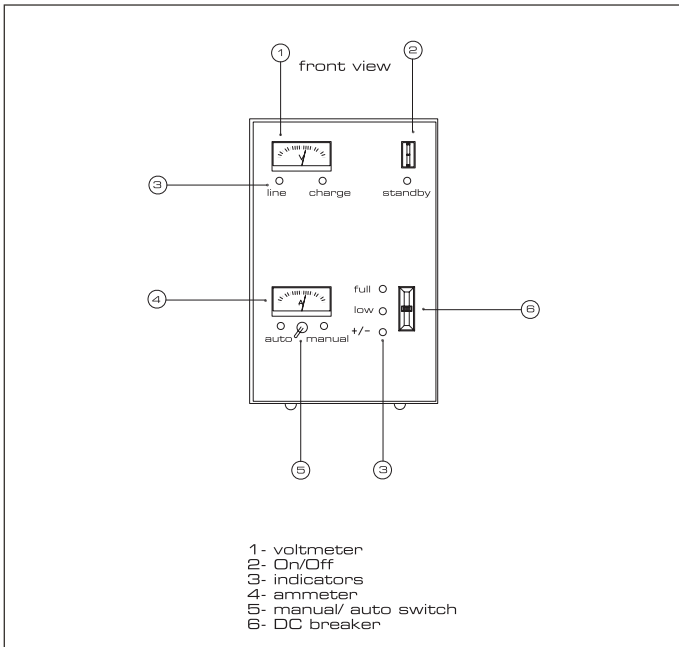
Applications

- House appliances
- Emergency lighting

Optional

- Wide power range





Characteristics

		EPS. 060	EPS. 080	EPS. 120
Mo del number	nominal capacity (VA/W)	600/480	800/640	1200/960
Input AC parameters	Voltage	110/130/220/240 VAC (L-N)		
	Frequency	50/60 Hz +/- 5 Hz		
Output AC parameters	Voltage	110/130/220/240 VAC (L-N)		
	Voltage stability	±10%		
	Frequency	50/60 Hz +/- 5 Hz		
	Wave form	AC sine wave output and inverter step wave output		
	Transfer time	<10 ms		
	Power factor	0.8		
Battery	Type	lead-acid and maintenance free		
	Number	12V/ 1PCS		12V/ 2PCS
	DC voltage	12VDC		24VDC
	Recharge time	Depend on battery capacity		Depend on battery capacity
Physical	Weight	10 Kg	12 Kg	17 Kg
	Dimensions (WxDxH) (mm)	175x320x265		185x370x285
Environment	Temperature	0°C to +40°C (+32°F to +104°F)		
	Relative humidity	20...90%		
	Noise	< 55 dB at 1 meter		
Applicable standards	IEC 62040-3;EN50091-3			

