

EPS 10-100 D - BS EN 50171



Features

- 4 x Selectable maintained / non-maintained outputs (fused)
- Passive standby with relay changeover as standard
- Automatic test - weekly test which monitors the battery and the load, if the load changes by more than 3VA for LED loads or 10VA for standard loads, an alarm will be displayed. This feature is an effective alternative to addressable monitoring
- Deep discharge protection
- LED's with dot matrix display
- Load earth leakage detection
- Dry alarm contacts x 4
- Fire test input (24 VDC)
- Thyristor battery charger - recharge within 24hrs
- Microprocessor based FET inverter

Optional Features

- **Printer:** Keeps hardcopy of data logger alarms
- **RS232:** Sinetica Protocol
- **Data logger:** 200 alarms
- **SNMP Adapter:** For remote monitoring of system via LAN
- **High IP ratings:** Maximum IP55

System Type	Watts Rating	VA Rating	Size	Weight
	1 Hour Backup		(H/W/D mm)	(KG)
EPS10D/1	120	150	400x600x210	24
EPS20D/1	240	300	400x600x210	42
EPS30D/1	360	450	400x600x210	55
EPS40D/1	480	600	600x600x300	62
EPS50D/1	600	750	600x800x300	78
EPS60D/1	750	950	600x800x300	90
EPS80D/1	960	1200	600x800x300	98
EPS100D/1	1200	1500	800x800x300	128
	3 Hour Backup			
EPS10D/3	120	150	400x600x210	42
EPS20D/3	240	300	600x800x300	90
EPS30D/3	360	450	600x800x300	98
EPS40D/3	480	600	1100x800x400	170
EPS50D/3	600	750	1100x800x400	170

Specifications

Input

- Nominal input voltage (+-10%): 230 / 240
- Nominal input frequency (+-5%): 50Hz

General

- **Cubicle type:** Wall/floor mount (IP23)
- **Noise:** <50dBA
- **Temperature:** 0-40°C
- **Standards:** EN50091-1 (Safety) / EN50091-2 (EMC) / EN61000-3-2 (Harmonics) / EN 50171 / BS6290-4 (Batteries)

Output

- Nominal output voltage: 230 / 240V
- Static voltage regulation: +-2% true RMS
- Inverter waveshape: Sinewave
- Load power factor: 0.8
- **Overtemperature protection:** Ambient temperature monitoring

System Operation

