


IEPM-2230C

IEPM-2230CR

FEATURES

- ◆ True sine-wave double conversion on-line UPS
- ◆ LCD or LED front panel
- ◆ High input power factor and wide input range
- ◆ Robust design with output transformer
- ◆ Optional charging output for connecting external batteries
- ◆ Automatic self-diagnostic function
- ◆ RS232 communication port, optional USB or SNMP port
- ◆ High efficiency design to save electricity
- ◆ Low heat dissipation for long life
- ◆ Designed to operate in harsh environments
- ◆ Enhanced protection against lightning surges & line disturbances
- ◆ Tower or rack (R) mounting

CAPACITY		3000VA / 2100W
INPUT	Voltage Range	115 (80-143)VAC or 220 (160-300)VAC
	Frequency	50Hz or 60Hz +/- 8%
	Power Factor	> 0.97
OUTPUT	Voltage	115/120VAC +/-2% (set via LCD panel) 220/230/240VAC +/-2% (set via LCD panel)
	Frequency	Synchronized (Line mode) 50Hz or 60Hz +/-0.5% (Battery Mode)
	Wave-form	True Sine wave
	Distortion	<4% THD (Full linear Load)
	Overload capacity	105% - 150% for 30 sec, >150% for 200ms
	Crest Ratio	3:1

BATTERY	Type	Maintenance free sealed lead-acid battery
	Capacity	12V / 7Ah * 8pcs
	Built-In Charger	96V / 1A (Option 9A, external batteries required)
	Recharge time	5hrs to 90% of full capacity after full discharge
	Back-up (Full/Half load)	>5min / 10min
BYPASS	Automatic	Overload and UPS failure
	Setting	115V +/-20V or 220V +/-20% (set via LCD panel)
	Transfer Time	0 ms (2.5ms inverter to bypass)
INDICATOR	LCD	LCD: UPS status, I/P&O/P Voltage& Frequency, Load %, Battery voltage %, Temperature, Model spec, Event log LED: Normal (Green), Warning (Yellow), Fault (Red)
	LED	Normal (Green), Bypass (Yellow), Battery Low (Yellow), Inverter (Green), Load% (5 LEDs), Battery % (5 LEDs), Fault (Red)
REMOTE PANEL	LED	Option, Mini Detachable LCD Control with 2m lead
AUDIBLE ALARM	Battery Mode	Beeping every 4 seconds
	Battery Low	Beeping every second
	Overload	Beeping twice per second
	Fault	Beeping continuously
OUTPUT	Sockets	IEC60320 - C13 (optional NEMA5-15R) + terminals
COMMUNICATION INTERFACES	RS-232 or USB (option)	UPSilon 2000 monitoring software
	SNMP (option)	Net Agent II with SNMP manager and web browser
	Network	RJ45 I/O port available for 10 base-T network or Fax / Modem
ENVIRONMENT	Temperature	0-40 degree C
	Humidity	0-95% non-condensing
	Acoustic Noise	Less than 45dBA (at 1 meter)
NET WEIGHT	with battery	35kg (tower) / N/A (rack)
	w/o battery	14.5kg (tower) / 10.5kg (rack)
Dimensions (WxHxD) mm	Tower Case	200 x 352 x 450
	Rack Case (2U)	440 x 88 x 465