

 **NER** *PLUS*®

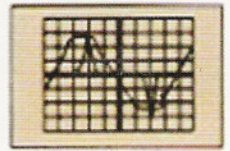
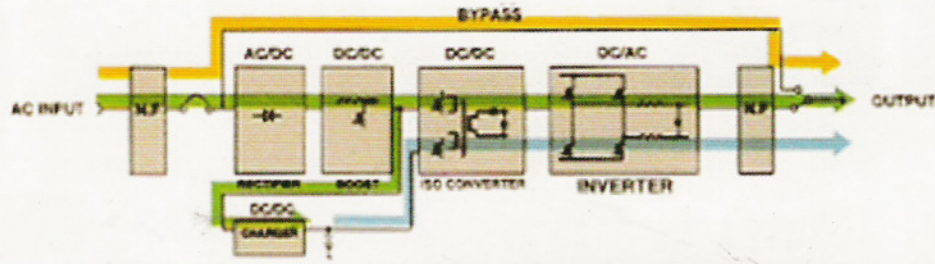
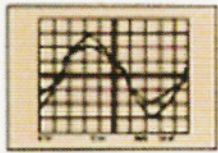


- Pure Sine Waveform Output
- Double Conversion
- Dual Full Bridge Inverter and Complete Isolation
- High Efficiency (more than 80%)
- UPS Monitoring, Shutdown Software and SNMP Solutions

True Online UPS ▶▶▶▶▶

MR Series UPS - 600VA ~ 2000 VA

System Block Diagram ▶▶▶▶▶



Specifications ▶▶▶▶▶

Model		MR 600	MR 1000	MR 1500	MR 2000
Output	VA Rating	600 VA	1000 VA	1500 VA	2000 VA
	Wattage	420 W	800 W	1200 W	1600 W
	Current (Max)	2.7 A	4.3 A	6.5 A	8.7 A
	Voltage	220 V, 230 V, 240 V 2%			
	Frequency	50 / 60 Hz			
	Waveform	Pure Sinewave			
	Harmonic Distortion	Less than 3% at full linearload			
Input	Voltage	160 V - 280 V			
	Frequency	50 / 60 Hz ± 5%			
Runtime	Full Load	8 min	10 min	10 min	10 min
	Half Load	25 min			
Transfer Time	Zero-Cross Transfer	0 millisecond to or from battery			
Battery	Type	12 V / 7 Ah lead acid maintenance free			
	DC Voltage	24 VDC	48 VDC	72 VDC	96 VDC
	Recharge Time	6 - 8 hours			
	Recharge Current	1.5 A			
Efficiency	AC to AC	80% min			
Audible Noise		Less than 45 dBA at one meter			
Indicators	LED Display	LINE, INV, BYPASS, FAULT, LOAD LEVEL and BAT, LEVEL			
Audible Alarm	Battery Discharge	Sounding every 6 seconds after main fail and very second when approaching final discharge			
	Alarm Reset	Press once to stop alarm at back-up mode			
	Fault	Continuous beeping sound			
Auto Restart		When AC line recovers after shutdown by remote LAN Signal or end of battery discharge			
DC Start-up		Yes			
Protection	Overload	More than 110% of full load with 20 sec delay			
	Over / Under Voltage at INV.O/P	Inverter shutdown protection			
	Short Circuit	The UPS shuts down and will not transfer to the bypass mode when a short circuit occurs on the output of the unit. After the short circuit being removed the UPS will operate normally again. At short condition, the FAULT LED lights as a warning to end users. (600 VA excluded)			
	Lightening & Surge	Passes ANSI / IEEE587 Cat. A			
	EMC / Emission	Passes EN50081-1			
	EMC / Immunity	Passes EN50082-1			
LAN Interface	DB9 / RS232 Interface	Main Fail, battery low and remote shutdown UPS			
Mechanical	Dimensions (W*H*D) (cm)	14*19*44	18*30*40	18*30*47	18*32*49
	Weight (kg)	12	22	30	38
Environment	Temperature	0 - 40 °C			
	Humidity	0 - 95 % Non Condensing			

PT. ENERPLUS SEJATI

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