



- ~ Microprocessor control guarantees high reliability
- ~ PWM Technology with IGBTs.
- ~ Communication Ports Selectable : Smart RS-232 and Intelligent slot for AS-400, and SNMP card
- ~ Equipped with the comprehensive self-protection design
- ~ Maintenance Bypass Switch, DSP technology application, and Two-step Battery Charging Mode available
- ~ Intelligent SNMP slot to allow communication among various operation systems and remote monitoring of the UPS
- ~ Audible Alarm Mute
- ~ Cold Start Function
- ~ Auto self-testing System while turning on the UPS
- ~ External battery connections for extended backup time available for ET (S) models

MONCAYO ER / ERS - 220V/230V/240V - ON-LINE UPS SPECIFICATION

MODEL	ER-(S) 1K	ER -(S) 2K	ERT-(S) 3K	ER – (S) 6K	
CAPACITY	VA / W	1000VA/700W	2000VA/1400W	3000VA/2100W	6000VA/4200W
	Vai - Informatics (Computers data)	1500Vai	3000Vai	4000Vai	8000Vai
INPUT	Voltage Range	Base on load percentage (100%-70% / 70%-60% / 60%-50% / 50%-40% / 40% - 0%)			
	Line Low Transfer	160VAC/140VAC/120VAC/110VAC± 5VAC			176 ± 3% Vac
	Line Low Comeback	175VA ±5VAC			185 ± 3% Vac
	Line High Transfer	300VAC ± 5VAC			276 ± 3% Vac
	Line High Comeback	285VAC ± 5VAC			266 ± 3% Vac
	Frequency Range	46Hz ~ 54Hz			46Hz ~ 55Hz
	Phase	Single phase with ground			
	Power Factor	>0.95			>0.98
OUTPUT	Voltage	220VAC/230VAC/240VAC			
	Voltage Regulation	± 2%			± 1%
	Frequency (Synchronized Range)	46~54Hz			46~54Hz
	Frequency (Battery Mode)	50 ± 0.2 Hz			50 ± 0.5 Hz
	Current Crest Ratio	3:01			3:01
	Harmonic Distortion (linear Load)	<3% THD	<4% THD		<2% THD
	Harmonic Dist. (non linear Load)	<6% THD	<7% THD		<6% THD
	Output Waveform	Pure Sinewave			
EFFICIENCY	To AC Mode	85%		88%	>88%
	To Battery Mode	83%			>88%
BATTERY	Battery Type	12V/8Ah	12V/8Ah	12V/8AH	12V/8Ah
	Numbers of Batteries	3	8	8	20
	Backup Time, minutes, PF = 1.0 / 0.7 / 0.5 RMS	5' / 9' / 14'	9' / 15' / 25'	5' / 9' / 15'	8' / 13' / 17'
	Recharge Time	5 hours to 90%			7/8 hours to 90%
	Charging Current (Max.)	1.0A			2A
	Charging Current, ER(S) models	7.0A	9.6A	9.6A	N/A
	Charging Voltage	41.1Vdc ± 0.6V	110Vdc ± 0.4V		274Vdc ± 0,5%
TRANSFER TIME	AC to DC	Zero			
	Inverter to Bypass	Zero			
INDICATOR - AUDIBLE ALARM	Status	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault			
	Battery Mode	Sounding every 4 seconds			
	Low Battery	Sounding every second			
	Overload	Sounding twice every second			
	Fault	Continuously Sounding			
DIMENSION for - Rack UPS - Battery pack	Width (mm)	450	450		482.6
	Depth (mm)	482.6	482.6		600
	Height (mm)	87	87		132
WEIGHT UPS	Net Weight: ER / ERS	7 kg / 7kgs	15 kgs / 15kgs	16 kgs / 16kgs	37 kgs – N/A.
Weight – Battery pack	Net Weight: ER	17 kg(w. battery)	25.3Kg	25.3Kg	126.5Kg
ENVIRONMENT	Operating Environment	0-40° C			
	Relative Humidity	20-90% (NON-CONDENSING)			
	Noise Level @ 1 Meter	<45dB	<50dB		<55dB
INTERFACE	Smart RS-232	Windows 98/NT/2000/XP/2003, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC			
	SNMP (option)	Power management from SNMP manager and web browser			

- S Series repret extended backup models
- * Product specifications are subject to change without further notice



Tel.: +34 916700768 Fax: +34 911014768 email: comercial@enersai.com