



- ~ 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 ET / ETS - 220V/230V/240V - ON-LINE UPS SPECIFICATION

MODEL		ET-(S) 1K	ET-(S) 2K	ET-(S) 3K	ET-(S) 6K	ET-(S) 10K
CAPACITY	VA / W	1000VA/700W	2000VA/1400W	3000VA/2100W	6000VA/4200W	10000VA/7000W
	Vai - Informatics (Computers data)	1500Vai	3000Vai	4000Vai	8000Vai	15000Vai
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	12V/9AH
	Numbers of Batteries	3	8	8	20	20
	Backup Time, minutes, PF = 1,0 / 0,7 / 0,5 RMS	5' / 9' / 14'	9' / 15' / 25'	5' / 9' / 15'	8' / 13' / 17'	5' / 9' / 15'
	Recharge Time	5 hours to 90%			7/8 hours to 90%	
	Charging Current (Max.)	1.0A			2A	2A
	Charging Current, ET(S) models	8.0A	9.6A	9.6A	4.2A	4.2A
Charging Voltage	41.1Vdc ± 0.6V	110Vdc ± 0.4V		274Vdc ± 0,5%		
TRANSFER TIME	AC to DC	Zero				
	Inverter to Bypass	Zero				
INDICATOR -	Status	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault				
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds				
	Low Battery	Sounding every second				
	Overload	Sounding twice every second				
	Fault	Continuously Sounding				
DIMENSION	Width (mm)	145	192		260	
	Depth (mm)	400	460		570	
	Height (mm)	220	340		717	
WEIGHT	Net Weight: ET / ETS	13 kgs / 7kgs	32 kgs / 15kgs	33 kgs / 16kgs	84 kgs / 35kgs	93 kgs / 38kgs
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 represent extended backup models
- * Product specifications are subject to change without further notice



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