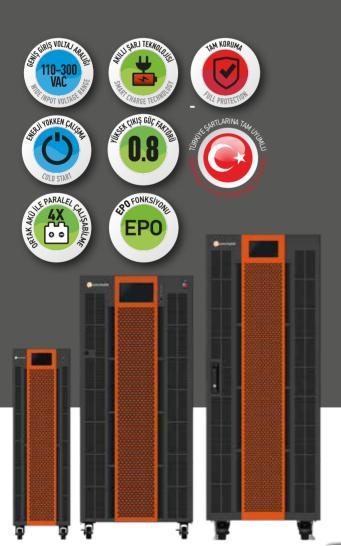


tuncmatik E-SERIES

40/60/80/125/160/225/250 kVA

ONLINE UPS (3/3)

- Double loop on-line design
- Coloured, Touch screen LCD Display (5-7")
- Ability to warn by voice
- Pure sinewave output
- HI-tech design with DSP technology
- Output power factor 0.8
- Front access for easy maintenance
- Fast service and extra security with internal modular structure
- Active power correction in each phase
- Generator compatible
- Paralleliziable up to 4 devices with common batteries
- EPO Function
- Technology to work between 32-40 batteries







With the easy to read multifunctional LCD display everything is under control. Thanks to new advanced LCD screen, input-output values and alarms can be easily monitored.





tuncmatik **E-SERIES**

40/60/80/125/160/225/250 kVA

ONLINE UPS (3/3)



					Mar.			
MODEL	40 KL	60 KL	80 KL	125 KL	160 KL	225KL	250 KL	
Capacity	40KVA / 32KW	60KVA / 48KW	80KVA / 64KW	125KVA / 100KW	160KVA / 128KW	225KVA / 180KW	250KVA / 200KW	
Parallel structure	up to 4							
INPUT								
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)							
Voltage Range	110-300 VAC @ 50% load; 176-276 VAC @ 100% load							
Frequency Range	40~70 Hz							
Power Factor	≥ 0.99 100% load							
Harmonic distortion (THDi)	< 4% lineer full load							
OUTPUT								
Output Voltage	3 x 360*/380*/400/415 VAC (3Ph+N)							
AC Voltage Regulation (Batery Mode)	± 1%							
Frequency Range (Synchronous)	46~54Hz or 56~64Hz							
Frequency Range (Battery Modu)	50/60 Hz ± 1%							
Crest Factor	3:1 (max.)							
Harmonic Distortion	≥ 2% THD (Lineer Load)							
Transfer AC Mode to Battery Mode	Zero							
Time Inverter to Bypass	Zero							
Waveform (Battery Modu)	Full sine wave							
Overload Capacity	100-110% 10 minute, 111-130% 1 minute, >130% 1s shut down							
BYPASS								
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)							
Voltage Range	305VAC~457VAC							
Frequency Range (Synchronous)	46~54Hz or 56~64Hz							
Overload Capacity	> 130% 1 minute (typical)							
EFFICIENCY								
AC Mode	95,5%							
ECO Mode	98,5%							
Battery Mode	94,5%							
BATTERY								
Battery (VRLA AGM)	2x32 12V9Ah (Internal) External Battery Pack							
Number of Batteries	32~40 peice (adjustable)							
Charge current (max.)	1-12A, adjustable 1-18A, adjustable 2-36A, adjustable 3-54A, adjustable						justable	
Charge Voltage	+/-13.65V*N (N = 16~20)							
DIMENSION & WEIGHT	815 x 300 x 1000 974 x 600 x 1600							
DxWxH (mm)	74		07	0/1			382	
Weight(kg)	74	85	87	241	286	286	382	
ENVIRONMENTAL				0 4000				
Operating Temperature Humidty	0-40°C <95% ve non-condensing							
Altitude**	0 ~ 1000m tfull load							
Noise Level	<65 dB @ 1 Metre							
SOFTWARE & MANAGEMENT								
Smart RS-232/USB	Windows, Linux ve MAC support							
SNMP (Optional)								
		Power management via web browser or SNMP manager UPS immediatly shuts down						
EPO (Optional)	or 3 infinediatly studis down							

^{*}When the Output Voltage is set to 3 x 360VAC or 3 x 380VAC, the output power will be reduced to 90%.
**When the uninterruptible power supply is operated at a higher altitude than the maximum altitude, the output power will decrease by 1% for every 100 m altitude