

3-3 FAZ ON LINE UPS

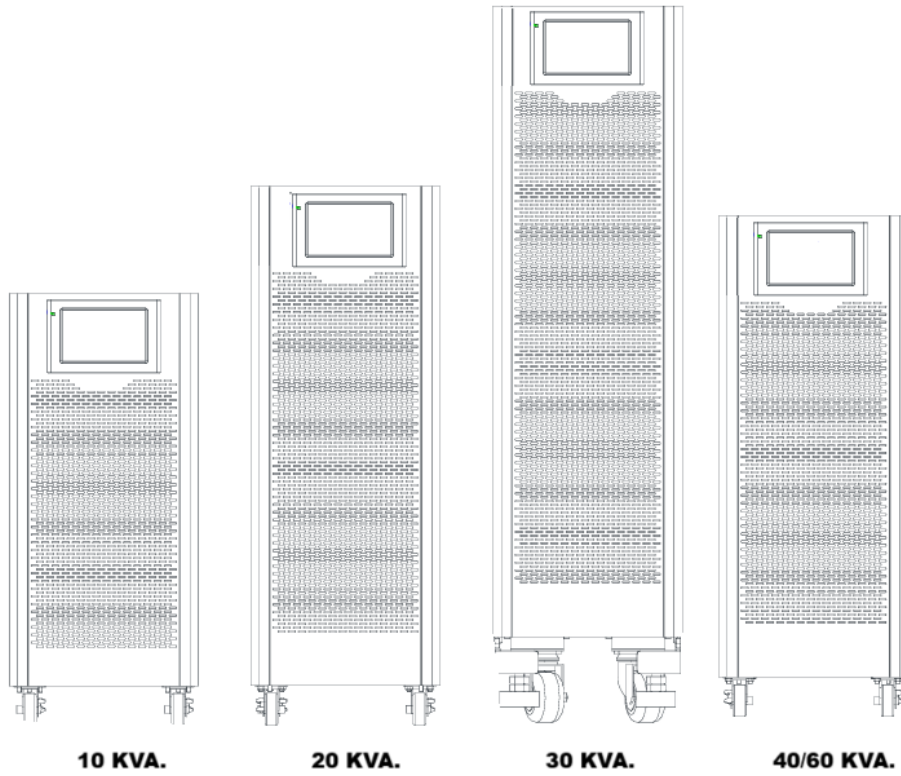
10 KVA. ~ 60 KVA.



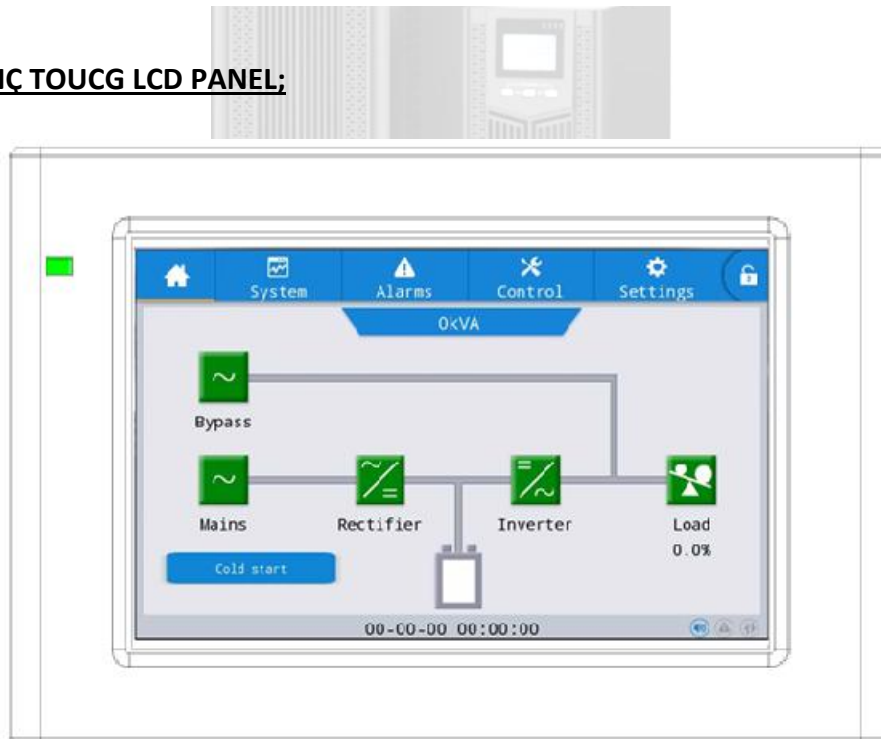
FEATURES

- High frequency online double conversion technology
- Advanced dual-core DSP control technology and 3-level technology
- Active power factor correction (APFC), up to 0.99 input power factor
- Energy saving rate doubled with system efficiency = 95%
- Output power factor 1.0
- Dual input design supporting independent bypass
- Advanced digital and parallel technology providing higher reliability from a single system
- Wide input voltage range
- 50/60 Hz automatic detection frequency, 50/60 Hz frequency conversion mode
- Up to 98% work efficiency in ECO mode
- Fan speed intelligently varies according to load, reducing noise and extending service life
- Flexible battery configuration setting, selectable battery numbers: 32~ 40 pcs
- Digitally controlled charger (Max.10 A & 20% output power)
- Ability to turn on the UPS from the battery when there is no mains electricity (Cold Start)
- Zero crossing time for UPS power supply mode ensures uninterrupted output when grid power is unstable
- Compact interior layout, small footprint, 5 inch LCD color touch screen
- Powerful backend software for parameter configuration and online upgrade
- Advanced multi-platform communication for UPS monitoring: RS232, USB, RS485, dry contacts, SNMP card, Wi-Fi card and GPRS card
- Intelligent battery management, automatic equalization and variable charging control, charger dormancy control, improving charger reliability and extending battery life
- Effective hardware and software protection, powerful self-diagnostic function, abundant event logs for future checks
- Standard RS232, USB, RS485, EPO, Dry contacts, Parallel port
- Optional SNMP card, Wi-Fi card, GPRS card, SMS alarms
- Electro Magnetic Compatibility, EMC – LVD CE Certificates
- 2 YEARS Warranty / 10 Years Spare Parts Warranty





- 5-7 İNÇ TOUCG LCD PANEL;



MODEL	3310	3315	3320	3330	3340	3360
CAPACITY / POWER	10 KVA 10 KW	15 KVA 15 KW	20 KVA 20 KW	30 KVA 30 KW	40 KVA 40 KW	60 KVA 60 KW
INPUT						
Related Voltage	380 / 400 / 415 Vac.					
Voltage Range	304 ~ 478 Vac. (%100 Load) / 228 ~ 304 Vac					
Frequency	50 – 60 Hz. (Auto Sensing)					
Frequency Range	40-70 Hz. ± % 0,5					
Input Power Factor	≥ 0,99					
Total Harmonic Distortion (THDI)	≤ %5					
Bypass Voltage Range	-%20 ~ +%15 Vac. Up Limit; +%10, +%15, +%20, +%25/Down Limit; -%10, -%15, -%20, -%25, -%30, -%40 – (Available via LCD)					
OUTPUT						
Related Voltage	380 / 400 / 415 Vac.– (Available via LCD)					
Voltage Regulation	± % 1					
Frequency	Line Secronized ; 45~55 Hz. Yada 45~55 Hz. / Battery mode ; 50 / 60 Hz. ± 0,1 Hz.					
Wave Form / Output Power Factor	Sinüs / 1					
Crest Factor	3:1					
Harmonic Distortion	Lineer Load ≤ %1 ; Non Lineer Load ≤ %3					
Transfer Time	Line/Battery mode ; 0 ms / Inverter/Bypass mode : 0 ms					
Inverter Overload Capacity	%110 load 60 Min. , %110-25 load 10 Min. , %125-%150 Load 1 Min. >%150 Load 200 msn.					
Bypass Overload Capacity	%125 Load long time , %125-130 Load 10 Min. , %130-150 Load 1 Min., %150-400 Load 1 sn., %125-130 ≥ 400 Load 200 msn					
BATTERIES						
Battery Voltage	Standart Model; 240 Vdc. / 32-40 adet (Available via LCD)					
Inbuilt Battery	(10+10) 20*12V.7-9 Ah	(20+20) 40*12V.7-9 Ah	(15+15)*2 60*12V.7-9 Ah	Not Batteries		
Charing Current (Standart Model)	Maks. 10A.			Maks. 15 A.	Maks. 20A.	
Charging Current (Long Model)	4 hours Recover to 90% Capacity					
SYSTEMS						
Efficiency	Maksimum %95			Maksimum %96		
Display	5 inch Touch Panel					
Parallel	6 Pcs (Opsiyonel)					
ENVIRONMENTAL / COMMUNICATION						
Operations Temperature / Hummudity	0 °C~ 40 °C - %20 ~ %90 0 ~ 90% (Non-Condensing) / IP20					
Noise Level	≤ 58 Db (1 mt.)			≤ 58 Db (1 mt.)		
Communication	Standart; RS 232, RS 485, USB, Battery Cold Start Opsiyonel ; Dry Contact, SNMP, Parallel Kit					
DIMENSION / WEIGHT						
Dimension (GxDxY)-Std.	250x720x560	250x800x700	250x840x930	350x800x1280	250x790x560	
Dimension (GxDxY)-Long	250x720x560	250x720x560	250x840x650	250x720x560	350x850x818	
Packing Dimension (GxDxY)-Std.	350x800x722	350x900x862	350x912x1102	450x900x1400	350x850x818	
Packing Dimension (GxDxY)-Long	350x800x718	350x900x718	350x980x810	350x800x718	350x850x818	
Net Weight (Kg)	82(S) / 31(L)	131(S) / 33(L)	145(S) / 33(L)	215(S) / 42(L)	300(S) / 42(L)	48(L)
Brüt Weight (Kg)	93(S) / 40(L)	142(S) / 42(L)	156(S) / 42(L)	227(S) / 52(L)	310(S) / 52(L)	58(L)