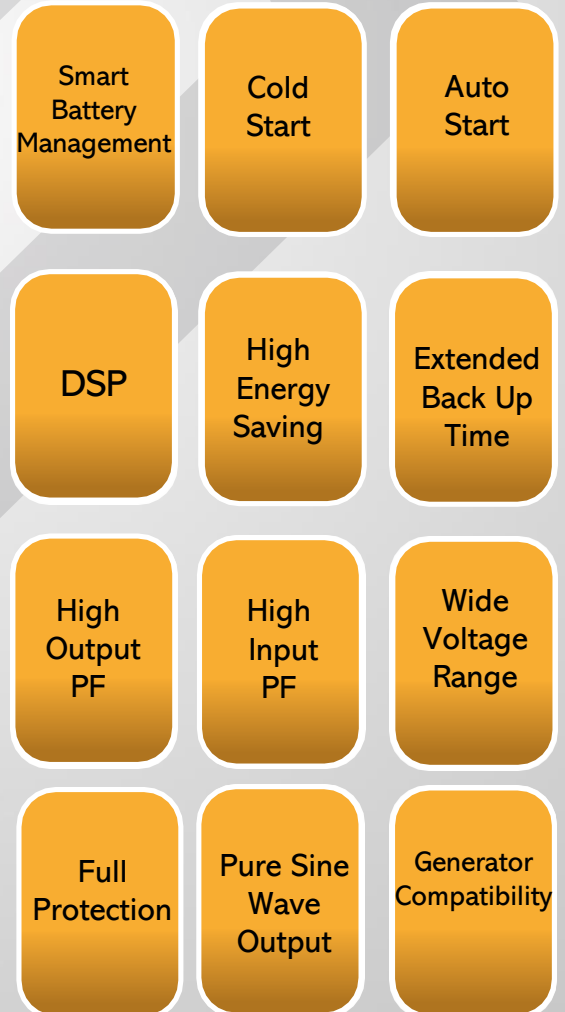




- High Frequency True Double Conversion Online Technology
- Pure Sine Wave Output for Computers and Sensitive Electrical Devices, Clean Energy
- DSP (Digital Signal Processors) Technology
- Input Power Factor Correction (PFC), Wide Input
- Wide Input Voltage Range (110~300V)
- Output Power Factor 1
- Cold Start (Start from Battery Without Grid)
- Auto Start (Automatic Start After Power Failure)
- Automatic Battery Charging in Off Position
- Automatic Frequency Detection
- ECO Mode for High Energy Savings
- Selectable Output Voltage via LCD Display
- Bypass Self-Test on Startup
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Load-Sensitive Smart Fan Control
- Generator Compatibility Standard
- RS232 Port and RJ45 Port, USB/SNMP Port (Optional)
- Communication Port (Optional)
- N+X Parallel Feature (Optional)



Capacity	10 kVA / 10 kW	15 kVA / 15 kW	20 kVA / 20 kW	30 kVA / 30 kW
<b>Input</b>				
Input Voltage	380V / 400V / 415 VAC			
Operating Voltage Range	304 ~ 478 VAC (%100 Load) / 228 ~ 304 VAC.( Decreases according to load)			
Operating Frequency	50/60 Hz. (Auto Detection)			
Operating Frequency Range	40 ~ 70 Hz (Auto Detection)			
Power Factor	≥0,99			
Total Harmonic Distortion (THDI)	<%5			
Bypass Voltage Range	-%20 ~ +%15 VAC Upper Limit ; +%10, +%15, +%20, +%25 / Lower Limit; -%10, -%15, -%20, -%25, -%30, -%40 – From Panel			
<b>Output</b>				
Output Voltage	380V / 400V / 415 VAC (Selectable)			
Voltage Regulation	±%1			
Frequency Range	Synchronized with Mains ; 45~55 Hz. Yada 45~55 Hz. / Battery Mode 50 / 60 Hz. ± 0,1 Hz.			
Ripple	Pure Sine Wave			
Output Power Factor	1			
Harmonic Distortion	Linear Load %1 ; Non-Linear Load %3			
Crest Factor	3:1			
Overload Capacity - Inverter Mode	%110 At Load 60 min. , %110-25 At Load 10 min., %125-%150 At Load 1 min. >%150 At Load 200 msec.			
Overload Capacity - ByPass Mode	%125-130 At Load 10 min. , %130-150 At Load 1 min., %150-400 At Load 1 sec., %125-130 400 At Load 200 msec			
<b>Efficiency</b>				
Online Modu	Maximum %95			
<b>Battery</b>				
Battery Voltage	In Standard Models: 240 VDC / 32-40 Units (Selectable)			
Internal Battery	(10+10) - 20*12V 7-9 Ah	(20+20) - 40*12V 7-9 Ah	(15+15)*2 Kol - 60*12V.7-9 Ah	
Charge Current (Max.)	10A			
Typical Charge Time	In Standard Models: 90% Capacity in 4 Hours, In Long Duration Models: Depending on Battery Capacity			
<b>Communication</b>				
Smart Alarm System	Battery Operation, Battery Low, Fan Fault			
Transfer Time	0 ms.			
LED & LCD Display	5 Inch Touchscreen			
Generator	Compatible			
Max. Parallel Connectable UPS	Up to 6 Units (Optional)			
Protection	Short Circuit, Overload, High Voltage, Low Voltage, High Temperature, Battery Low, Fan Fault			
<b>Communication</b>				
Standard	RS232, RS485, USB, Battery Cold Start			
Optional	Programmable Dry Contact, SNMP, Parallel Operation			
<b>Alarm</b>				
şebeke Hatası	Audible Alarm at 4-second intervals			
Düşük Akü Gerilimi	Audible Alarm at 1-second intervals			
Aşırı Yük	Two Beeps at 1-second intervals			
UPS Hatası	Continuous Audible Alarm			
<b>Environmental</b>				
Operating Temperature	0 ~ 40°C			
Relative Humidity	%20 ~ %90 (Non-Condensing)			
Noise Level	≤58 dB (1m)			
IP Protection Class	IP20			
<b>International Security Standarts</b>				
Low Voltage Directive	Complies with CE			
Electromagnetic Compatibility	Complies with CE			
<b>Dimensions and Weight</b>				
Device Dimensions WxDxH (mm)	250x720x560	250x800x700		250x840x930
Device Weight (kg)	82	131	145	215