

# HT-C Series 10-40 kVA

3/3 Online UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



IP23



GİRİŞ GÜÇ FAKTÖRÜ

0.99

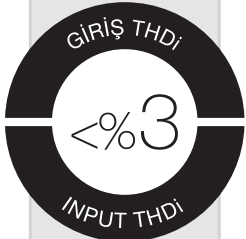
INPUT POWER FACTOR



ÇIKIŞ GÜÇ FAKTÖRÜ

0.9 1

OUTPUT POWER FACTOR



GİRİŞ THDi

$< 3\%$

INPUT THDi



ESNEK DC BARA



FLEXIBLE DC BUS BAR



PARALELLEME

UP TO 8

PARALLELING



*HT-C Series UPS applies advanced technology that increases performance and reliability: two high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor and low input current distortion.*

*With in-built transformer, the HT-C is providing more safety to critical load. HT-C include Multi-Protection, Over-Temperature Protection with 8 Sensors, Over-Load, Battery Under Voltage, Fan Failures, Short-Circuit capabilities. HT-C taking maximum performance from batteries with Smart Charging Control and Auto Maintenance, Greatly Extend The Battery Life. Giving perfect control to operators with Four Circuit Breakers, Friendly Operation Interface and with multi-language High-Resolution LCD Screen.*

HT-C Serisi tamamen dijital kontrole sahip ve iki adet yüksek hızlı DSP kullanılarak, yüksek giriş güç faktörü ve düşük giriş akım distorsiyonu sağlayarak onu en yüksek kalite ve koruma standartlarına ulaştırır. Kullandığı 8 farklı sensör ile aşırı sıcaklık ve diğer koruma tedbirlerini içeren mimari beraberinde Aşırı yük, Akü voltajı düşük, Fan hataları, Kısa devre korumaları gibi güvenlik yöntemleri ile uzun kullanım ömrünü sağlar. Dahili dört adet devre kesici yüksek kaliteli şalter ile eksiksiz kontrol sağlar. Akü güvenliği ve en yüksek performansın sağlanabilmesi için ise bilinen son teknolojiler olan Akıllı şarj yöntemi, Otomatik ayarlanabilir performans testi ve Isıl şarj kabiliyetlerinin tamamını kullanır. Oldukça basit ve anlaşılabilir tasarlanmış multi-language LCD arayüzü sayesinde kullanıcının verilere kolay erişimini ve operasyonunu sağlar.

Technical Specifications	HT-C Series									
Model	HT-C XL 10 kVA	HT-C XS 10 kVA	HT-C XL 15 kVA	HT-C XS 15 kVA	HT-C XL 20 kVA	HT-C XS 20 kVA	HT-C XL 30 kVA	HT-C XS 30 kVA	HT-C XL 40 kVA	HT-C XS 40 kVA
<b>MAIN INPUT</b>										
Grid System	3 Phases + Neutral + Ground									
Rated Input Voltage	380/400/415VAC (Line-Line)									
Rated Frequency	50/60Hz									
Input Voltage Range	"304~478Vac(Line-Line), Full Load; 228V~304Vac(Line-Line), Load Decreases Linearly According To The Min Phase Voltage"									
Input Frequency Range	40Hz~70Hz									
Input Power Factor	>0.99									
Input Current THDi	<4% (Full Linear Load)					<3% (Full Linear Load)				
<b>BYPASS INPUT</b>										
Rated Bypass Voltage	380/400/415VAC (Line-Line)									
Rated Frequency	50/60Hz									
Bypass Voltage Range	Selectable, Default -20%~+15%; Upper Limit: +10%, +15%, +20%, +25%; Lower Limit: -10%, -15%, -20%, -30%, -40%									
Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz									
Bypass Overload	125% Long Term Operation; 125%~130% For 10min; 130%~150% For 1min;									
<b>OUTPUT</b>										
Rated Inverter Voltage	380/400/415VAC (Line-Line)									
Rated Frequency	50/60Hz									
Output Power Factor	1					0.9				
Voltage Precision	±1.5% (0-100% Linear load)									
Transient Response	<5% For Step load (20% - 80% -20%)									
Transient Recovery	< 30ms For Step Load (20% - 100% -20%)									
Output Voltage THDu	<1% (Linear Load); <5.5% (Non-Linear Load) According to IEC/EN62040-3					<1% Linear Load; <6 (Non-Linear Load) According to IEC/EN62040-3				
Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min;									
Frequency Regulation	50/60Hz±0.1%									
Synchronized Range	Settable, ±0.5Hz ~ ±5Hz, Default ±3Hz									
Synchronized Slew Rate	Settable, 0.5Hz/S ~ 3Hz/s, Default 0.5Hz/s									
<b>BATTERY AND CHARGER</b>										
Battery Rate Voltage	±240VDC									
Charger Voltage Precision	1%									
Charger Power	Max = 20% System Power									
<b>EFFICIENCY</b>										
Normal Operation	95% Max.					>95%			>96%	
Battery Operation	94.5% Max.					>95%			>96%	
<b>SYSTEM</b>										
Display	LED + LCD									
Interface	Standard: RS232, RS485 Option: SNMP, DRY Contact, Parallel kit, Battery Cold Start									
<b>ENVIRONMENTAL</b>										
Operation Temperature	0 ~ 40 °C									
Storage Temperature	-40 ~ 70 °C									
Relative Humidity	0 ~ 95% (Non Condensing)									
Noise (1 meter)	58dB @ 100% Load, 52dB @ 45% Load					65dB @ 100% Load, 62dB @ 45% Load				
<b>PHYSICAL DATA</b>										
Dimensions (WxDxH) [mm]	250x660x530	250x840x715	250x660x530	250x840x715	250x680x770	350x738x1335	250x680x770	350x738x1335	250x836x770	500x840x1400
Weight [kg]	31	51.5 (W/O Battery)	31	51.5 (W/O Battery)	50	89 (W/O Battery)	52	89 (W/O Battery)	61	140