

# HT-C Series 60-500 kVA

3/3 Online UPS



HIGH EFFICIENCY



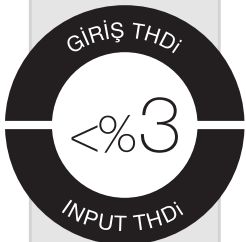
CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



The HT-C series is launched by Necron for Server, Data Centers, Financial Services, Security Systems, Industrial Environments, etc... HT-C series is a robust, reliable, high performance UPS system that provides power protection within three high speed DSP full digital controllers for a wide range of mission-critical applications. It has been designed with 3-phase input/output, inverter/rectifier within IGBT modules which allows gaining higher power factor and lower THDi values. HT-C series with modular based design guarantees maximum reliability, minimum repair time, easy scalability and makes it suitable for industrial applications. It offers high resolution graphic display which initiates setting monitoring/set up parameters and also has wireless remote monitoring as an option. All UPS system are fully supported by NECRON service team that assures reliable, preventive and corrective duty...

HT-C serisi Server/Data merkezleri, Finansal hizmetler, Güvenlik sistemleri ve birçok Endüstriyel alanda; yüksek hızlı DSP kontroller ile kritik uygulamalarda kullanılması için Necron tarafından sektöre sunulmuş çok sağlam, güvenilir, yüksek performanslı bir kesintisiz güç kaynağıdır. Modüler temelli, 3 faz giriş/çıkış, IGBT modüllü doğrultucu ve inverter tasarımı ile bu tür uygulamalarda maksimum güvenilirlik, minimum bakım süresi ve kolay ölçeklenebilmeyi garanti eder. HT-C serisi sahip olduğu yüksek çözünürlüklü ekranları sayesinde; sisteme ait parametrelerin kolay bir şekilde gözlemlenmesini ve ilave olarak sunduğu çok fonksiyonlu LCD ekranı ile kullanıcının müdahalesini kolaylaştırır. Bütün NECRON modellerinde olduğu gibi, HT-C serisine de NECRON servisleri kusursuz hizmet vermeyi garanti eder.

Technical Specifications		HT-C Series										
Model	HT-C 60 kVA	HT-C 80 kVA	HT-C 90 kVA	HT-C 100 kVA	HT-C 120 kVA	HT-C 150 kVA	HT-C 200 kVA	HT-C 250 kVA	HT-C 300 kVA	HT-C 400 kVA	HT-C 500 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	<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%; Up Limit: +10%, +15%, +20%, +25%; Down Limit: -10%, -15%, -20%, -30%, -40%											
Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz											
Bypass Overload	125% Long Time Operation; 125% < Load < 130%, Last For More Than 10 Min. 130% < Load < 150%, Last For More Than 1 Min. >150%, Last For More Than 300ms						110% Long Term Operation; 110%~125% Last For More Than 5 Min. 125~150% Last For More Than 1 Min. >150% Last For More Than 1s					
<b>OUTPUT</b>												
Rated Inverter Voltage	380/400/415VAC (Line-Line)											
Rated Frequency	50/60Hz											
Output Power Factor	0.9 / 1											
Voltage Precision	±2%											
Transient Response	<5% For Step load (20% - 80% -20%)											
Transient Recovery	< 30ms For Step Load (0% - 100% -0%)											
Output Voltage THDu	<1,5% From 0% to 100% Linear Load <6 (Non-Linear Load) According to IEC/EN62040-3											
Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min; >150%, 200ms											
Frequency Regulation	50/60Hz ± 0.01%											
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%	>96%	>95%	>96%	>95%	>96%						
Battery Operation	>95%	>96%	>95%	>96%	>95%	>96%						
<b>SYSTEM</b>												
Display	LED + LCD + Touch Screen											
Interface	RS232, RS485, USB, Programmable DRY Contact							RS232, RS485, USB, Programmable DRY Contact, Battery Cold Start				
Option	Battery Cold Start, SNMP, AS400, Parallel Kit, Lightning Protection Components, Dust Filter, LBS							SNMP, AS400, Parallel Kit, Lightning Protection Components, Dust Filter, LBS				
<b>ENVIRONMENTAL</b>												
Operation Temperature	0 ~ 40 °C											
Storage Temperature	-40 ~ 70 °C											
Relative Humidity	0 ~ 95% (Non Condensing)											
Noise (1 meter)	65dB @ 100% Load, 62dB @ 45% Load											
Altitude	<1000m, Load Derated 1% Per 100m From 1000 ~ 2000m											
<b>PHYSICAL DATA</b>												
Dimensions (WxDxH) [mm]	600*980*950	600*980*1150	600*980*1400	600*980*1150	600*980*1400	650*960*1600		650*960*2000		1300x1100x2000		
Weight [kg]	170	210	231	210	266	305	350	445	490	810	900	