



Rack&Tower UPS Series

10-20 kVA **3:1**  
PHASE

10-40 kVA **3:3**  
PHASE

ONLINE UPS



INDUSTRY



MARINE



MEDICAL



DATA CENTER



TRANSPORT



EMERGENCY



UPS ONLINE



RACK/UPS



SERVICE



ICAS



## Highlights

ET Series Rack is double conversion online UPS with fully DSP controlled technology. With its flexible configuration of 3/3 and 3/1, compact design, it's the ideal choice for modern data center.

## Maximum Availability

- Rack Design  
Rack design, compatible with 19" standard rack cabinet, convenient to be integrated with servers
- Friendly Interface  
5.5" touch color LCD with graphic display, more information displayed and easier for customer to operate
- Flexible configuration  
The system can be configured to 3/3 and 3/1
- Intelligent charging management  
The system intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery

**TECHNICAL SPECIFICATIONS**

<b>INPUT</b>	
Dual Input	Standard
Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)
Input Voltage Range	304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage
Rate Frequency	50/60Hz
Input Frequency Range	40Hz~70Hz
Input PF	>0.99
Input THDi	<3% (100% Linear load)
<b>OUTPUT</b>	
Rate Voltage	380/400/415V ac (line-line)
Voltage Regulation	1% for balance load; 1.5% for unbalance load
Rate Frequency	50/60Hz
Frequency Precision	0.1%
Output PF	1
Output THDu	<1.5% , Linear load; <6%, Non-linear load
Crest Factor	3:1
Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms
<b>BYPASS</b>	
Rate Voltage	380/400/415V ac (line-line)
Rate Frequency	50/60Hz
Input Voltage Range	Settable, -40% ~+25%
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz
Bypass Overload	125% long term operation; 130% for 10 mins; 150% for 1 min, >150% for 1s
<b>BATTERY</b>	
Voltage	±240Vdc
Battery Number	40pcs (Settable: even number from 32 to 44)
Voltage Precision	±1%
Charge Power	up to 20% * Output active power
Battery Cold Start	Standard
<b>SYSTEM</b>	
Efficiency (AC Mode)	96%
Efficiency (ECO Mode)	98%
Efficiency (Battery Mode)	95%
Display	LCD + LED + keyboard
IP Class	IP 20
Interface	RS232, RS485, Programmable Dry Contact
Option	LBS for HR33020CL and HR33025CL, SNMP Card, Parallel kit, USB
Temperature	Operation: 0°C~40°C Storge:-40°C~70°C
Relative Humidity	0~95% Non-condensing
Altitude	<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load
<b>STANDARDS</b>	
Quality	ISO 9001, ISO 14001, ISO 45001, CE, TSE, TSE-HYB
Performance	EN62040-3 (VFI-SS-111, Bureau Veritas Certified)
EMC/LVD	EN62040-2, EN62040-1, EN60950 (TÜV SÜDCertified)
Marine Certificate	Optional
<b>DIMENSIONS &amp; WEIGHT</b>	
Cabinet Dimensions (mm) WxDxH	
Net Weight (kg)	
Pack. Dimensions (mm) WxDxH	
Gross Weight (kg)	

Contact us for dimensions.

3 Phase in / 1 Phase Out Version is Available. (10 to 20kVA)

Seapower reserves the right to change or modify product design, construction, specifications, or materials without prior notice.