You Have the Power to Conserve.

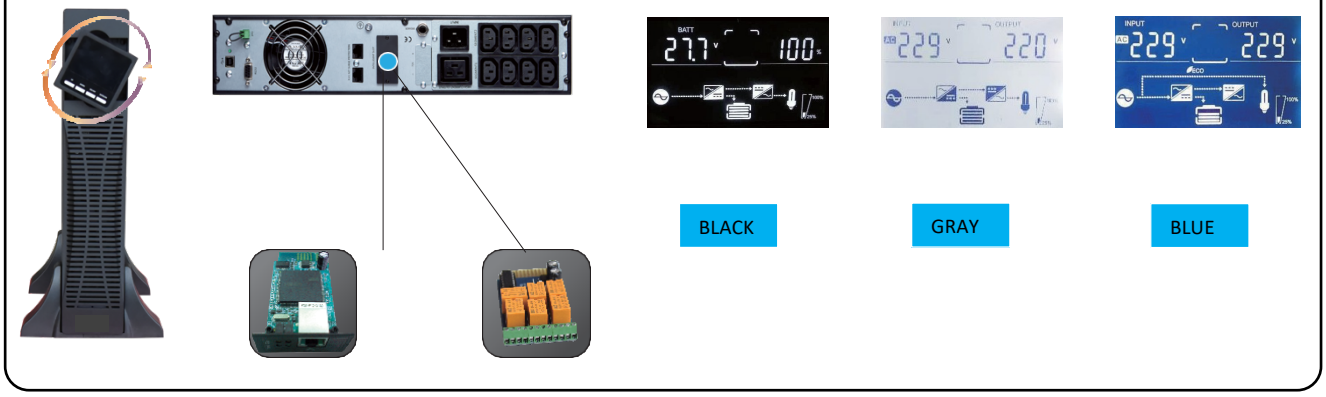
EASY RT Series
1000VA-3000VA
1:1 Phase PF: 1.0

- Online double conversion.
- Wide input voltage range (110~300Vac)
- Input power factor 0.99 (With PFC)
- Output power factor 1.0
- Optional charging current 1A or 2A standard
- Maximum charging current 12A
- Charging current can be set by LCD
- 50/60Hz frequency converter mode
- Emergency power off function EPO
- ECO mode operation for energy saving
- Generator compatible
- SNMP + USB + RS232 multiple communication
- Smart battery charging design for optimizing battery performance
- Support lithium battery and BMS
- Selectable output voltage 200, 208, 220, 230, 240VAC
- Low priority load disconnection function
- 8 minutes backup time standard units are optional

EASY series is the new generation of small to medium power transformer-less UPS of META SYSTEM UK LIMITED EASY series adopts new circuit design, and electrical performance is optimized. The series is with reasonable inside arrangement, the dimension of the unit is small and the power density is high. The appearance is simple and beautiful by new design.

Advanced design makes EASY series more reliable and high power efficient, and reduce the TCO (total cost ownership) in result. Miniaturization design reduces the transportation space and installation space, and this also make it easy to maintain the EASY series for customers.

EASY series can support lithium battery and this supplies more choices to customers.



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Technical Specifications:

MODEL	ESY1000RT	ESY2000RT	ESY3000RT
Capacity(WA/Watts)	1000VA/1000W	2000VA/2000W	3000VA/3000W
INPUT			
Nominal voltage	200/208/220/230/240vac		
operating voltage range	160va±5%@100% -80%load 140vac±15%@80%-70%load 120vac±5%@70%-60%load 110vac±5%@60%-0 load(Ambient temp <35c 175vac±5%@100%-80%load 155vac±5%@80%-70%load 135vac±5%@70%-60%load 125vac±5%@60%0%(Ambient temp. <35c 300vac±5% 290vac±5%		
input voltage range	55-150vac or 110-300vac @ 60%load,80-145vac or 160-300vac @100%load		
operating frequency range	40-70Hz		
power factor	0.99		
OUTPUT			
output voltage	200/208/220/230/240vac		
power factor	1		
voltage Regulation	±1%		
Frequency	47-53Hz or 57-63Hz		
	(50/60±0.		
Crest Factor	3:01		
Harmonic Distortion	≤2% THD (linear load)		
	≤4% THD (Non-linear load)		
waveform	pure siewave		
Transfer Time	Zero		
EFFICIENCY			
AC Mode	88%	92%	92%
Battery Mode	85%	88%	90%
Battery			
Battery Type	12V9AH	12V9AH	12V9AH
Numbers	2	4	6
Backup time	Long run unit depends on the capacity of external batteries		
Typical recharging time(Standard mode)	4 hours recover to 90% capacity		
SYSTEM FEATYRES			
line mode Battery mode	105%-110%:UPS transfer to bypass alter 10 minutes when the utility is normal 110%-130%:UPS transfer to bypass alter 1minutes when the utility is normal 130% -150% :UPS transfer to bypass alter 5seconds when the utility is normal >150%:UPS transfer to bypass alter 1minutes when the utility is normal		
	105%-110%:UPS transfer to bypass alter 1minutes when the utility is normal 110%-130%:UPS transfer to bypass alter 1minutes when the utility is normal >150%:UPS transfer to bypass alter 1minutes when the utility is normal		
Short cicuit	Hold whole system		
overlheat	line mode:swich to bypass;bachuk mode:shut dowe UPS immediately		
Battery Low	Alam and switch off		
EPO(optional)	shut down UPS immediately		
Audible& visual alarms	line faliure,Battery low,over load, system fault		
communication interface	USB,R232,SNMP card(optional),Rela card (optional)		
PHYSICAL			
Dimension WXDXH(mm)	440*305*86.5	440*460*86.5	440*600*86.5/440*131*86.5
Net weight(kg)	11.3	19.1	26.2/25.8
ENVIRONMENT			
Operating temperature	0-40ºC		
Storage temperature	25C-55C		
Humidity range	20-90%RH @ 0-40C(Non-condensing)		
Altitude	<1500m		
Noise level	Less than 50db at 1Meter		
STANDARDS			
Safety	IEC/EN2040/EN609050-1		

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