EGR – EGRS – EGRSS 1k UPS



Professional UPS rack mountable for power without interruption (ON-LINE), double conversion, input and output voltage 230 V 50/60 Hz single phase, power available 800W / 1 KVA to Cos.phi. 0.8, static switch, RS232 and USB and emergency shutdown EPO fitted as standard, ready to SMNP card or contacts.
Equipped with sealed lead batteries inside the UPS itself or in a separate battery pack (see table configuration below).

UPS professionale per installazione in rack cabinet 19”, doppia conversione, ingresso e uscite a 230V 50/60 Hz monofase, 800W / 1 KVA con Cos.phi. 0.8, static switch, porte RS-232, USB e interruttore di emergenza EPO, monitoraggio tramite SMNP card e contatti in uscita.
Batterie incluse nella prima estensione (3 batt x 9 Ah) o alloggiate in box esterno (vedi tabella seguente).

MODELS	BATTERIES	HEIGHT, WEIGHT
3x9 1KSH544EGR	Including n.3 batteries 12V 9Ah.	2 Moular Units, 17 Kg
6x9 1KSH544EGRS	With battery pack, including 6 batteries 12V, 9Ah.	5 UM (2+3), 35kg (11+24 Kg)
9x9 1KSH544EGRS	With battery pack, including 9 batteries 12V, 9Ah	5 UM (2+3), 43kg (11+32 Kg)
12x9 1KSH544EGRS	With battery pack, including 12 batteries 12V, 9Ah	5 UM (2+3), 51kg (11+40 Kg)
3x55 1KSH544EGRS	With battery pack, including 3 batteries 12V, 55 Ah	10 UM (2+8), 70kg (11+59 Kg)
3x100 1KSH544EGRS	With battery pack, including 3 batteries 12V , 100 Ah	18 UM (2+8+8), 103kg (11+46 Kg)
6x100 1KSH544EGRS	With double battery pack, including 6 batteries 12V , 100 Ah	18 UM (2+8+8), 103kg (11+46+46 Kg)



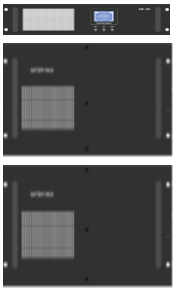
6x9 1KSH544EGRS
9x9 1KSH544EGRS
12x9 1KSH544EGRS



3x55 1KSH544EGRS
3x100 1KSH544EGRS



3x9 1KSH544EGR



6x100 1KSH544EGRS

Italy
Tel.: +39 02 518971
Fax: +39 02 5189730
Email: notifier.milano@notifier.it

UK
Tel: +44 (0) 116 246 2000
Fax: +44 (0) 116 246 2300
hlsuksalessupport@honeywell.com

Spain
Tel: +34 902 03 05 45
Fax: +34 93 465 86 35
infohlsiberia@honeywell.com

TECHNICAL SPECIFICATION			EGR 1K – EGRS 1K - EGRSS 1K
Certification			0068-CPR-063/2015
Mechanical			Steel cabinet, 19″ standarda rack
Dimensions WxHxD			482 x 88 x 460 + extension battery pack
Colour			Black
Capacity			1000 VA / 800 W
INPUT			
Voltage Range	Low Line Transfer		160VAC /140VAC /120VAC /110VAC ± 5 % or 80VAC /70VAC /60VAC /50VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback		175 VAC ± 5 % or 85 VAC ± 5 %
	High Line Transfer		300 VAC ± 5 % or 150 VAC ± 5 %
	High Line Comeback		290 VAC ± 5 % or 145 VAC ± 5 %
Frequency Range			40 Hz ~ 70 Hz
Phase			Single phase with ground
Power Factor			≧0.95
OUTPUT			
AC Voltage Regulation (Batt. Mode)			± 3%
Frequency Range (Synch.Range)			47.5Hz ~ 52.5 Hz or 57Hz ~ 63 Hz
Frequency Range (Batt. Mode)			50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Current Crest Ratio			3:1
Harmonic Distortion			≦3 % THD (Linear Load), ≦6 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode		Zero
	Inverter to Bypass		4 ms (Typical)
Waveform (Batt. Mode)			Pure Sinewave
Efficiency AC Mode			~ 85%
Efficiency Battery Mode			~ 83%
BATTERY			
Standard Model	Battery Type		12 V / 9 Ah
	Battery number		3
	Typical Recharge Time		4 hours recover to 90% capacity
	Charging Current (max.)		1.0 A
	Charging Voltage		41.0 VDC ± 1%
Model S (3 unit Battery pack)	Battery Type		Depending on the capacity of external batteries (6, 9, 12 x batteries 12V, 9 Ah)
	Numbers		
	Charging Current (max.)		8.0 A
	Charging Voltage		41.0 VDC ± 1%
Model SS (8 unit battery pack)	Battery Type		Depending on the capacity of external batteries (55 or 100 Ah , 12V)
	Numbers		
	Charging Current (max.)		16.0 A
	Charging Voltage		41.0 VDC ± 1%
INDICATORS			
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions		
ALARM			
Battery Mode			Sounding every 4 seconds
Low Battery			Sounding every second
Overload			Sounding twice every second
Fault			Continuously sounding
PHYSICAL			
Rack Case	Standard Model	Dimension, D X W X H (mm)	420x438x88[2U]
		Net Weight (kgs)	17
	Long-run Model (S)	Dimension, D X W X H (mm)	420x438x88[2U]
		Net Weight (kgs)	11
ENVIRONMENT			
Operation Humidity			20-90 % RH @ 0- 40°C (non-condensing)
Noise Level			Less than 45dBA @ 1 Meter

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