

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 alloggiato 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



3x9 1KSH544EGR



3x55 1KSH544EGRS
3x100 1KSH544EGRS



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
hsuksalesupport@honeywell.com

Spain

Tel: +34 902 03 05 45
Fax: +34 93 465 86 35
infohsiberia@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 \pm 5 % or 80VAC / 70VAC / 60VAC / 50VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)	
	Low Line Comeback	175 VAC \pm 5 % or 85 VAC \pm 5 %	
	High Line Transfer	300 VAC \pm 5 % or 150 VAC \pm 5 %	
	High Line Comeback	290 VAC \pm 5 % or 145 VAC \pm 5 %	
Frequency Range		40 Hz ~ 70 Hz	
Phase		Single phase with ground	
Power Factor		\geq 0.95	
OUTPUT			
AC Voltage Regulation (Batt. Mode)		\pm 3%	
Frequency Range (Synch. Range)		47.5Hz ~ 52.5 Hz or 57Hz ~ 63 Hz	
Frequency Range (Batt. Mode)		50 Hz \pm 0.25 Hz or 60Hz \pm 0.3 Hz	
Current Crest Ratio		3:1	
Harmonic Distortion		\leq 3 % THD (Linear Load), \leq 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 \pm 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 \pm 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 \pm 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	

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
 hlsuksalesupport@honeywell.com

Spain

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

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
hlsuksalesupport@honeywell.com

Spain

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