



1:1
PHASE

EASYLINE SERIES

Single Phase **UPS** **1 - 2 - 3 kVA**



3 LEVEL
UPS



UPS ONLINE



TOWER



PLUG & PLAY



LI-ION
READY



HOME/OFFICE



MEDICAL



INDUSTRY



EMERGENCY

EASYLINE SERIES

3-Level On Line Double Conversion UPS
for low and medium power applications.

- 3-Level inverter technology (2 and 3kVA)
- High efficiency
- Sinusoidal output
- Advanced control interface
- Emergency shutdown remotely
- Microprocessor control
- RS-232 and USB interface
- Cold start function
- Protection against voltage peaks
- High Input Power Factor (≥ 0.99)
- Integrated self-diagnostics Intelligent battery management
- Overload and short-circuit protection
- Excellent voltage regulation

EASYLINE SERIES

Model		ESL 1101U2R ESL 1101U2	ESL 1102U2R ESL 1102U2	ESL 1103U2R ESL 1103U2
Nominal power (kVA/kW)		1 / 0.9	2 / 1.8	3 / 2.7
Input				
Input Voltage Range		220, 230, 240 V \pm 30% (at Full load)* - 45% + 30% (at 40% load)*		
Input Frequency Range		50/60 Hz \pm 5% (Auto-sensing)		
Phase		1P - N - L (3 wires)		
Power Factor		\geq 0.99 at 100% load		
Output				
Output Voltage		220/230/240VAC		
Voltage Regulation		\pm 2%		
Frequency		50/60 Hz \pm 0,05		
Overload		125% 60 sec, 150% 10 sec		
Crest Factor		3:1		
Output Power Factor		0.9 (optional 1)		
THDv		< 2% THDv (linear load)*		
Transfer Time	Online Mod - Battery Mode	0 ms		
	Inverter - Bypass	4 ms (typical)		
Battery Mode Waveform		Pure Sinus		
Outputs		2xIEC Type + 1xSchuko or 2xSchuko or 4xIEC Type	4xIEC Type + 1xSchuko or 3xSchuko or 6xIEC Type	
Eco Mode		Optional		
Efficiency				
Online Mode		Up to 95% (Half load)		
Battery				
Battery Type		12 V / Maintenance-free lead acid batteries		
QTY		2 x 7/9 Ah	4 x 7/9 Ah or 6 x 7/9 Ah	6 x 7/9 Ah or 8 x 7/9 Ah
Charge Time		4 hour 90% capacity (typical)		
Charge Current		1A (max) - 4A (with Externer Charger)		
Automatic Battery Test		Present		
Charge Voltage		24VDC	48VDC or 72VDC	72VDC or 96VDC
Physical				
Dimensions D x W x H (mm)		336 x 144 x 214 / 650 x 19" x 2U	420 x 195 x 340 / 650 x 19" x 2U	
Weight (kg)		9,8	18 (4x7Ah) / 22 (6x7Ah)	22 (6x7Ah) / 26 (8x7Ah)
LCD Display		Standard		
Environmental				
Operating Temperature / Storage Temperature		0°C ~ +40°C / -25°C ~ +55°C		
Humidity		0 - 95% (non-condensing)		
Altitude		<1000m		
Noise Level (1 meter)		<45 dBA		
Communication				
Standard		RS-232 and USB		
Optional		SNMP, Dry Contact, Modbus, EPO		

The company reserves the right to change specifications and designs without notice.

*Special conditions applied
Model with "R" for rack installation

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