ATLANTIC POWER

AVR

Single Phase (3-30kVA)
Three Phase (6-1000kVA)

- Servo Motor Controlled Technology
- Fast Response for Fluctuations
- Reliable Stabilization for Secure Energy
- *High efficiency in each model*
- Short circuit protection
- Ability to work with non-linear loads
- Manual Bypass Switch
- Wide input voltage range version (optional)
- Electro-mechanic (breaker module) high-low voltage protection (optional)
- Output Isolation Transformer (optional)
- Digital Display option available
- Higher IP applications are available

Inform AVR is used with any computer system, fax and photocopy *machines, industrial, medical, laboratory, office appliances and* household for secure energy.
Inform AVR protects your load from all fluctuations of the mains voltage and regulates it.
It disconnects the output voltage electro-mechanically when an increase or decrease occurs that is out of limits and prevents all the possible problems by electronic protection (optional).
The booster transformer and sensitive variac do the voltage regulation.
Servo system is based on the control of DC motor by thyristor.

Output voltage is observed by analogue or digital display (optional). Over current protection is ensured by magnetic switch and inside cooling is assured by natural cooling or fan depending on power. In single- phase models special inside structure and natural cooling is applied. Connections of the unit are done by NK model Terminals.

Phase protection, which is operated optionally, disconnects the output during low or high voltage value, and if there is no phase, again disconnects the output voltage by contactor. In order to avoid the possible problems that can be caused by sudden voltage *fluctuations, Inform AVR includes a time relay, which can take the control in 2 seconds. It has a by-pass switch and on/off property.*

Wide voltage range models may be produced upon request. The standard voltage range of these models may be altered upon request.
Digital Version enables monitoring of the following parameters;

- Input/Output Voltage, Output Current (optional), output frequency
- It also has Regulator in operation, output voltage high / low LED indicators
- Digital AVR provides output is present (Regulator in operation) & Output voltage high / low dry contact alarm signals.

Options(available for all power range)

- Digital Display
- Breaker Module (provides phase missing and low/high voltage protection)
- Wide Voltage Range Model available

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AVR Specifications

MODEL	POWER	Dimensions	weight	response	Input				Output				ENVIRONMENT		
SINGLE PHASE	(kVA)	WxDxH(cm)	(kg)	V/Sn	Voltage (V)	Max current	Voltage(V) L-N	Phase	Frequency	THD	Efficiency(%)	"Max current"	Temperature	Audible Noise	Humidity
e-0201	2	25 x 43 x 27	24	80	160-245	10,5A	220/230/240±%1	1	"same as input"	"w/o distor-tion, no affect on harmon-ics"	³95	7.3A	0-40°C	<45dBA	20-95%
e-0351	3.5	25 x 43 x 27	26	80	160-245	19A	220/230/240±%1	1			³96	12,7A	0-40°C	<45dBA	20-95%
e-0501	5	50,5 x 39 x 28,5	42	80	160-245	27A	220/230/240±%1	1			³96	19.4A	0-40°C	<45dBA	20-95%
e-0751	7.5	50,5 x 39 x 28,5	50	80	160-245	39A	220/230/240±%1	1			³96	29A	0-40°C	<45dBA	20-95%
e-1001	10	53,5 x 44,5 x 35	58	80	160-245	53A	220/230/240±%1	1			³96	39A	0-40°C	<45dBA	20-95%
e-1501	15	36,5 x 62 x 64	120	80	160-245	79A	220/230/240±%1	1			³96	58A	0-40°C	<45dBA	20-95%
e-2001	20	49,5 x 73 x 77,5	127	80	160-245	106A	220/230/240±%1	1			³96	74A	0-40°C	<45dBA	20-95%
e-3001	30	49,5 x 73 x 77,5	138	80	160-245	159A	220/230/240±%1	1			³96	111A	0-40°C	<45dBA	20-95%
THREE PHASE	(kVA)	WxDxH(cm)	(kg)	V/Sn	LINE-LINE	Max current	Voltage(V) L-L	Phase	THD	THD	Efficiency(%)	"Max current"	Temperature	Audible Noise	Humidity
e-0603	6	39,5 x 53,5 x 88	62	80	277-424	3x10,5A	380/400/415±%1	3	"same as input"	"w/o distor-tion, no affect on harmon-ics "	³95	3x7.2A	0-40°C	<50dBA	20-95%
e-1053	10.5	39,5 x 53,5 x 88	62	80	277-424	3x19A	380/400/415±%1	3			³96	3x12,7A	0-40°C	<50dBA	20-95%
e-1503	15	39,5 x 58 x 91,5	190	80	277-424	3x27A	380/400/415±%1	3			³96	3x19.4A	0-40°C	<50dBA	20-95%
e-2253	22.5	39,5 x 58 x 91,5	206	80	277-424	3x39A	380/400/415±%1	3			³96	3x29A	0-40°C	<50dBA	20-95%
e-3003	30	44,5 x 68,5 x 102,5	248	80	277-424	3x53A	380/400/415±%1	3			³97	3x39A	0-40°C	<50dBA	20-95%
e-4503	45	44,5 x 68,5 x 102,5	270	80	277-424	3x79A	380/400/415±%1	3			³97	3x58A	0-40°C	<50dBA	20-95%
e-6003	60	54,5 x 103 x 131,5	360	80	277-424	3x106A	380/400/415±%1	3			³97	3x74A	0-40°C	<50dBA	20-95%
e-7503	75	54,5 x 103 x 131,5	420	80	277-424	3x131A	380/400/415±%1	3			³97	3x91A	0-40°C	<50dBA	20-95%
e-9003	90	54,5 x 103 x 131,5	550	80	277-424	3x158A	380/400/415±%1	3			³97	3x110A	0-40°C	<50dBA	20-95%
e-11003	110	61,5 x 114,5 x 153	624	80	277-424	3x191A	380/400/415±%1	3			³97	3x133A	0-40°C	<50dBA	20-95%
e-12003	120	61,5 x 114,5 x 153	624	80	277-424	3x210A	380/400/415±%1	3			³97	3x146A	0-40°C	<50dBA	20-95%
e-15003	150	61,5 x 114,5 x 153	624	80	277-424	3x265A	380/400/415±%1	3			³97	3x182A	0-40°C	<50dBA	20-95%
e-22003	220	88,5 x 180,5 x 132,5	1200	80	277-424	3x387A	380/400/415±%1	3			³97	3x269A	0-40°C	<50dBA	20-95%
e-27003	270	88,5 x 180,5 x 132,5	1200	80	277-424	3x470A	380/400/415±%1	3			³97	3x327A	0-40°C	<50dBA	20-95%
e-36003	360	220,5 x 139,5 x 157,3	1600	80	277-424	3x633A	380/400/415±%1	3			³97	3x438A	0-40°C	<50dBA	20-95%
e-50003	500	184,5x135,5x152	3200	80	277-424	3x877A	380/400/415±%1	3			³97	3x610A	0-40°C	<50dBA	20-95%
e-100003	1000	300x150x200	4000	80	277-424	3x1758A	380/400/415±%1	3			³97	3X1223A	0-40°C	<50dBA	20-95%

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