



MASTER OF ALL CLASSES

AJ700-48, AJ1000-12, AJ1300-24, AJ2100-12, AJ2400-24

SINE WAVE INVERTER

The appeal of the AJ series lies in its great variety of available performance classes and different DC input voltages, so that the optimum device can be found for every application. On the other hand, the AJ series is very modest with respect to its own consumption; the inverter switches itself off using an automatic energy-saving system as soon as there is no more consumption. Even critical energy-consuming devices can be operated without any problems thanks to its outstanding overload capability.

HIGHLIGHTS

- Maximum reliability
- Pure sine wave voltage
- Excellent overload performance

- Optimum battery protection
- Automatic load detection
- Automatic standby mode
- Deep discharge protection
- Deep discharge protection
- Shut-down in the event of battery overvoltage
- Short-circuit protection
- Acoustic alarm signal in the event of deep discharge or overheating
- Multicolor LED displays operating states

TECHNICAL DATA

Studer	AJ700-48	AJ1000-12	AJ1300-24	AJ2100-12	AJ2400-24
Input data DC					
Input voltage (V)	48	12	24	12	24
Input voltage range (V)	42..64	10,5..16	21..32	10,5..16	21..32
Output data AC					
Output voltage (V)	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50
Continuous power (W)	500	800	1000	2000	2000
Efficiency/Internal consumption					
Max. efficiency (%)	94	93	94	92	94
Own consumption in power (W)	12	10	13	16	16
Own consumption in stand by (W)	1,5	0,7	1,2	0,7	1,2
General Data					
Width (mm)	142	142	142	273	273
Depth (mm)	84	84	84	117	117
Height (mm)	240	455	428	406	406
Weight (kg)	4,5	8,5	8,5	19	18
Protection rating (IP)	IP30	IP30	IP30	IP20	IP20
Article number	3800600011	3800600013	3800600015	3800600017	3800600019

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Optional also with integrated charge controller

Your IBC SOLAR partner:

* Product and power warranty in accordance with the version of the full warranty conditions received from your IBC SOLAR partner at the time of installation. This warranty is valid only when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent progress.