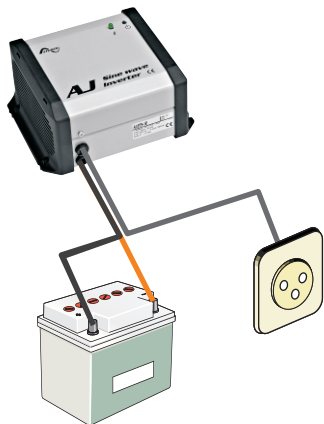


AJ series



The **AJ** series consist of pure sine wave inverters that convert a battery voltage to AC voltage for all AC appliances.

● **The AJ series offer:**

- a high and steady efficiency
- an outstanding overload capacity, thanks to the combined use of a toroidal transformer and a MOS power stage
- a digital regulation and microprocessor controlled
- an electrical supply to any kind of electrical appliance
- a complete internal protection of the inverter (overload, overheat, short-circuit, reverse polarity)
- an adjustable stand-by level on a large range and from a very low level (optional for AJ 275-350-400)

● **Further outfits & features:**

- battery and output cables mounted
- easy wall mounting by 4 external screws

● **Remote control**

An optional remote control can be supplied and connected to the AJ 1000-1300-2100 and 2400.

APPLICATIONS

● **Ground-based**

- rural electrification
- health & education
- holidays & leisures
- solar installations

● **Mobile**

- boats & yachts
- camping-cars
- emergency vehicles
- cars & trucks

● **Professional**

- secured power supply
- telecom & signalisation
- clean power source
- emergency lighting



Technical data

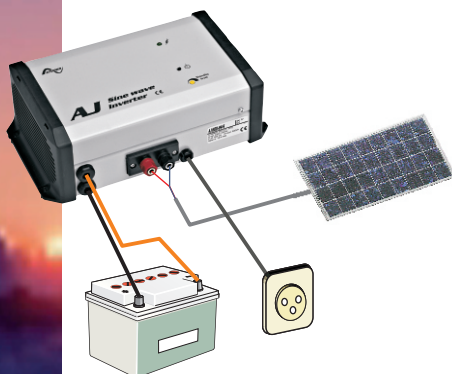
Model	AJ 275	AJ 350	AJ 400	AJ 500	AJ 600	AJ 700	AJ 1000	AJ 1300	AJ 2100	AJ 2400
Battery voltage (V)	12	24	48	12	24	48	12	24	12	24
Input voltage (V)	10.5-16	21-32	42-64	10.5-16	21-32	42-64	10.5-16	21-32	10.5-16	21-32
Pcont./P30 (VA)	200/275	300/350	300/400	400/500	500/600	500/700	800/1000	1000/1300	2000/2100	2000/2400
Stand-by/ON no load (W)	0.3*/1.9	0.3*/3.3	0.4*/5	0.3/3.8	0.4/8.5	1/10	0.3/9	0.4/10	0.5/13	0.4/18
Max. efficiency (%)	93	94	94	93	94	94	93	94	92	94
Dim. 142 x 84 x L (mm)	163			240			428		273 x 399 x 117	
Weight (kg)	2.4	2.6		4.5			8.5		19	18
Remote control ability	Option			Option			✓		✓	
Load detection Stand-by	With option S			✓			✓		✓	
Solar charger (option S)	10A			15A			25A		30A	
Protection index	IP 30			IP 30			IP 30		IP 20	

*With option S

Data may change without notice

Inverters 115 Vac-60 Hz on simple request

The **AJ** series comply with the **CE** norms and is (in 12 and 24V) **E24** certified



● **SOLAR SYSTEM OPTION**

A floating 3 STEP (I/U/Uo) solar charge controller can be supplied built-in with the **AJ**. Making the inverter an "all in one" tool for solar systems. With this solar option the AJ 275-350 and 400 have also a stand-by system.

