

Inverter/Charger Combi

ASC-SERIES



Features:

- Pure sine wave combined inverter charger
- 4-step progressive charging 7 battery type selector
- Easy to install & easy to use
- High-power, Multi-stage Battery charger
- Automatically and swiftly line to battery switchover
- High efficiency using line-interactive circuit topology
- Microprocessor control guarantees high reliability
- Bypass without battery connected
- Remote control function



Application:

Designed for a variety of mobile applications such as commercial, emergency, recreational vehicles / marine vessels, and also PV stand alone system.

Series Model:

General specification	ASC series Inverter/Charger Combi					
Model	ASC-1000	ASC-2000	ASC-3000	ASC-4000	ASC-5000	ASC-6000
Input Wave Form	Sine wave (Utility or Generator)					
Output wave form:	Pure sine wave or quasi sine wave					
Output continuous power W:	1000	2000	3000	4000	5000	6000
Output continuous power VA:	1000	2000	3000	4000	5000	6000
Surge ratings:	3000	6000	9000	1200	1500	18000
Power factor:	0.9-1.0					
Nominal output voltage rms:	120/230VAC					
Nominal Voltage:	120VAC			230VAC		
Max Input AC Voltage	150VAC			270VAC		
Output voltage regulation:	+ / - 10% RMS					
Output frequency:	50Hz ± 0.3Hz or 60Hz ± 0.3Hz					
Nominal efficiency:	>88%					
Nominal Input voltage	12V (10~16)		24V (20~32)		48V (40~64)	
Power saver:	Below 25 watts when enabled					
Power saver:	Same switched on/off on remote					
Max. charge current	35A	65A	75A	65A	70A	75A
Max. Charge current without load	2.1A	4.2A	8A	5A	8A	8A
Charger Output voltage:	Dependent on battery type					
Battery initial voltage for start up:	0-15.7v for 12v(*2 for 24v, *4 for 48v)					
Over charge protection shutdown:	15.7v for 12v(*2 for 24v, *4 for 48v)					
Chagre characteristic	IUOU/ 4-step progressive charging 7 battery type selector					
Transfer switch rating:	30amp or 40amp					
Efficiency on line transfer mode:	95%+					
Line transfer time:	10ms Typical					
Bypass without battery connected:	Yes					
Max bypass current:	30amp or 40amp					
Bypass over load current:	35amp or 45amp: Alarm					
Protection	over temperature, over load, short circuit, High battery, Low Battery					
Approval	Meet CE e Mark					

*The specifications subject to change without prior notice.



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