



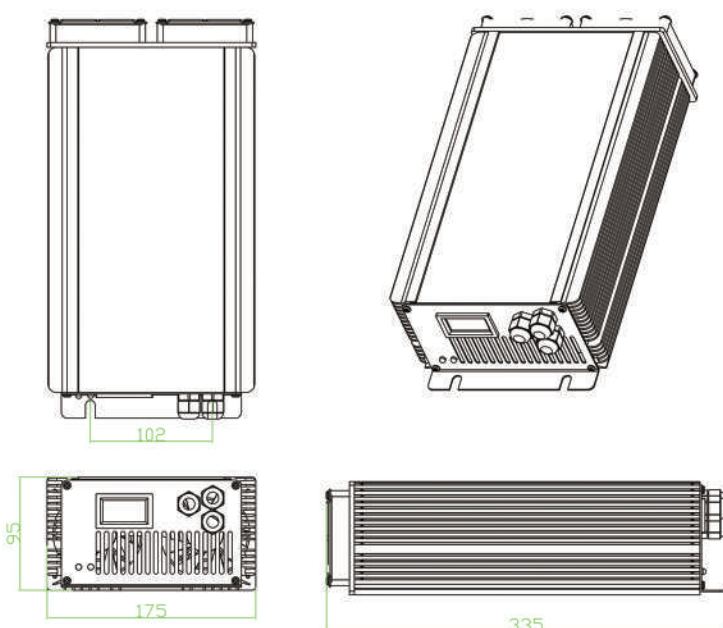
Ares Series
* 3D model available



Parameters

Model	Ares-12100	Ares-1250	Ares-2450	Ares-2430	Ares-4825	Ares-4815
Battery	Lifepo4					
Max output voltage	14.6V±0.2Vdc	14.6V±0.2Vdc	29.2V±0.2Vdc	29.2V±0.2Vdc	58.4V±0.2Vdc	58.4V±0.2Vdc
Output current	100±5%A	50±5%A	50±5%A	30±5%A	25±5%A	15±5%A
Input vlotage	180-260Vac or 100-120Vac					
AC input voltage frequency	50HZ/60HZ					
CC (constant current)	≤14.6Vdc, 100A	≤14.6Vdc, 50A	≤29.2Vdc, 50A	≤29.2Vdc, 30A	≤58.4Vdc, 25A	≤58.4Vdc, 15A
CV (constant voltage)	14.6Vdc, 100A ↓	14.6Vdc, 50A ↓	29.2Vdc, 50A ↓	29.2Vdc, 30A ↓	58.4Vdc, 25A ↓	58.4Vdc, 15A ↓
Float Charging	No					
Transition Current	1.5A					
Power efficiency	≥85%					
Protection	Over voltage protection					
	Thermal proctecion					
	Current limiting protection					
	Short circuit protection					
	Reverse polarity protection					
Operation temperature	-20 ~ +45°C					
Humidity	5~ 95%					
Storage temperature	-40 ~ +70°C					
Altitude	0~3000m					
Product Size (mm)	330*175*90	280*175*90	280*175*90	230*135*70	280*175*80	210*23.5*11.5
N.W (KG)	5.5	5	5	5.5	4.8	2.5

Technical Drawing (mm)



- Special design for LiFePO4 and LiMn2O4 batteries CC/CV Value
- Full charge current design and efficiency ≥85%
- Advanced high frequency switching mode power supply technology
- Short circuit, over voltage, over-tempera-
ture, reverse polarity protections
- DC output terminals diversify, Suitable for any battery system
- Provide LED display to show DC voltage and charge current

Charging Mode (2-stage)

