

ART48V100

# ARTsolar Pro Lithium-ion battery



## UNIQUE

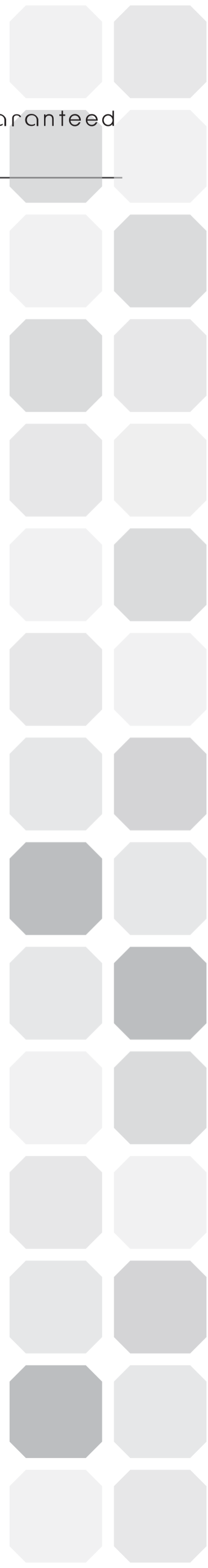
- Supports parallel connection of new and old battery packs
- Support parallel connection of battery packs with different capacities
- Supports parallel use with lead-acid batteries

## SAFETY

- LiFePO4 battery
- More than 15 years of designed lifespan
- Support for remote management and maintenance

## SIMPLE

- Modular design
- Quick installation
- Easy to stack



MODEL	ART48V100
Battery Type	LFP
Rated Voltage [V]	48
Rated Capacity [Ah]	100
Rated energy [Wh]	4800
Rated Discharging Voltage [V]	56.4
Discharging Voltage Range [V]	40-58 (consistant voltage)
Output Power [W]	4800
Max. Charging Current [A]	100
Max. Continuous Discharging Current [A]	100
Discharging Minimum Voltage [V]	40
Cycle Life [Times]	6000 (25°C,1 C,90%DOD,70%EOL)
Balance Method	Passive balancing
Dimensions [W*D*H, mm]	442*400*133
Weight [kg]	~39
IP Grade	IP20
Communication	RS485* 1、CAN*1、and dry contact *2
Parallel Connection	Up to 32 packs(CAN)/16 packs (RS485)
Working Temperature [°C]	Charging: 0 to +45; Discharging: -20 to +45
Relative Humidity	5%-95% RH(non-condensing)
Heat Dissipation	Natural cooling
Protection and Alarm	Overheat, overcurrent, short circuit, overcharging, overdischarging, etc.
Designed Service Time	15 years
Fire Protection	Aerosol
Storage Temperature [°C]	0 to +40

Note: The above information may subject to update without prior notice.