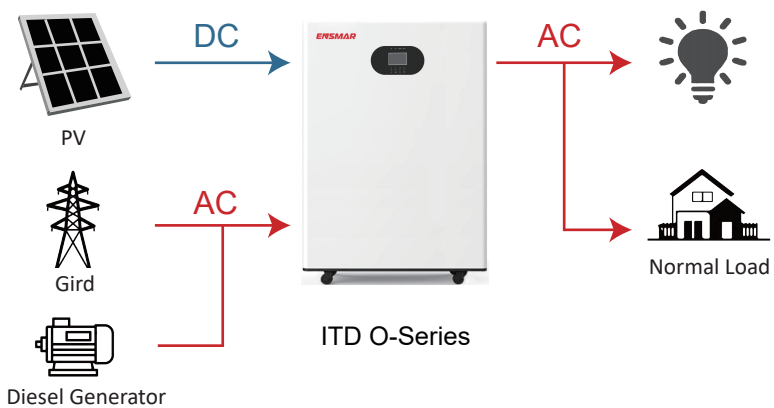




## Ares-Series

### FEATURES:

- All-in-One(Battery & Inverter)
- High integration and easy instalation
- Support AC chargeand PV charge
- Support UPS function



## TECHNICAL DATA

Model	Ares-0101	Ares-0303	Ares-0505	Ares-1010
	1.28KWh+1KW	2.56KWh+3KW	5.12KWh+5KW	10.24KWh+10KW
<b>Battery</b>				
Battery Type	LiFePO4 Battery			
Battery Energy	1.28KWh	2.56KWh	5.12KWh	10.24KWh
Nominal Voltage	12.8V	25.6V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	100Ah	200Ah
Voltage Range	11.0~14.0V	22.0~28.0V	42.0~57.0V	42.0~57.0V
<b>PV</b>				
Max.Power	600W	3000W	5500W	10.4KW(5200W*2)
Max.PV Voltage	150Vdc	450Vdc	500Vdc	500Vdc
MPPT Voltage Range	20~150Vdc	30~400Vdc	120~430Vdc	90~450Vdc
Max.PV Charge Current	40A	80A	80A	80A*2
<b>AC Output</b>				
Rated Power	1000W	3000W	5000W	10000W
AC Voltage	230Vac±5%			
AC Frequency	50Hz/60Hz			
Efficiency	≤93%	≤94%	≤94%	≤94%
Transfer time	10ms (for PC)20ms (for Appliance)			
Waveform	Pure sine wave			
<b>AC Input</b>				
Rated AC Voltage	230Vac			
AC Voltage Range	170~280Vac(for PC)90~280Vac(for Applis)			
Frequency Range	50Hz/60Hz(Auto sensing)			
<b>General Parameters</b>				
Altitude	≤2000m			
Humidity	5%~95%			
Work Temperature	-10℃~50℃			
Size(mm)	450*140*280	450*140*570	500*150*730	620*150*1300
Weight (kg)	25	32	58	105