



Advance New Energy

ANE

POWER INVERTER



Advance New Energy (Ningbo) Co.Ld., is a one-stop service company which is specializing in designing, researching, developing, producing, and selling pure sine wave inverters, DC to AC power inverters, solar power inverters, wind power controllers, off-grid inverters, power Inverter, high-frequency switching power supply, power supply, storage power supply, inverter power supply application and so on.

We also encourage OEM and ODM. Our technical engineers have more than 10 years' R&D experience and we have successively passed ISO 9001 Quality Management System Certifications, RoHS and CE certificates. Our products are well received by European and American, Mid-East, and Southeast Asia countries. Welcome to cooperate with us and realize a win-win strategy together.

	Model	PCBA 300W		PCBA 500W		PCBA 1000W		
	Inverter Output	Rated power	300W		500W		1000W	
Peak power		600W		1000W		2000W		
Output voltage adjustment		100-120V	200-240V	100-120V	200-240V	100-120V	200-240V	
Frequency		50/60Hz ± 0.05%						
Output waveform		R Load Pure Sine Wave < 3% THD						
Output protection		Overload, Overheat, Short Circuit						
Efficiency (full load)		88%	90%	88%	90%	88-89%	90-92%	
No-load power consumption		≤ 5.6W		≤ 6.9W		≤ 6.5W		
DC Input		Input voltage	12Vdc	24Vdc	12Vdc	24Vdc	12Vdc	24Vdc
	Input voltage range	10-16Vdc	20-32Vdc	10-16Vdc	20-32Vdc	10-16Vdc	20-32Vdc	42-62Vdc
	DC Input over voltage alarm	15.5Vdc	31.0Vdc	15.5Vdc	31.0Vdc	15.5Vdc	31.0Vdc	61.0Vdc
	DC Input over voltage shut-down	16.0Vdc	32.0Vdc	16.0Vdc	32.0Vdc	16.0Vdc	32.0Vdc	62.0Vdc
	DC Input under voltage alarm	10.5Vdc	21.0Vdc	10.5Vdc	21.0Vdc	10.5Vdc	21.0Vdc	43.0Vdc
	DC Input under voltage shut	10.0Vdc	20.0Vdc	10.0Vdc	20.0Vdc	10.0Vdc	20.0Vdc	42.0Vdc
	Input protection	Undervoltage, Overvoltage, Reverse connection						
Others	Communication interface	/		RS485				
	Panel display	/		LCD				
	Operating temperature range	-20℃ to 50℃						
	Storage temperature range	-20℃ to 60℃						
	Cooling	Loading and temperature controlled cooling fan						
	Inverter dimensions (L*W*H)	133*105*47mm		182*105*47mm		210*159*60mm		
	Inverter weight	0.54kgs		0.73kgs		1.33kgs		
	Shipping dimensions (L*W*H)	377*205*77mm (3pcs/carton)		280*225*90mm (2pcs/carton)		260*206*91mm (1pcs/carton)		
	Shipping weight	1.85kgs		1.65kgs		1.6kgs		
	Standard warranty	2 years						
LCD Display (optional)								

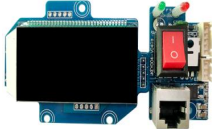
Note: The specifications are subject to change without notice.



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Inverter Output	Model	PCBA 1500W			PCBA 2000W			PCBA 2500W			PCBA 3000W				
	Rated power	1500W			2000W			2500W			3000W				
	Peak power	3000W			4000W			5000W			6000W				
	Output voltage adjustment	100-120V	200-240V		100-120V	200-240V		100-120V	200-240V		100-120V	200-240V			
	Frequency	50/60Hz ± 0.05%													
	Output waveform	R Load Pure Sine Wave < 3% THD													
	Output protection	Overload, Overheat, Short Circuit													
	Efficiency (full load)	88-89%		90-92%		88-89%		90-92%		88-89%		90-92%		88%	90%
	No-load power consumption	≤ 7.2W			≤ 7.8W			≤ 7.2W			≤ 7.2W				
DC Input	Input voltage	12Vdc	24Vdc	48Vdc	12Vdc	24Vdc	48Vdc	12Vdc	24Vdc	48Vdc	24Vdc	48Vdc			
	Input voltage range	10-16Vdc	20-32Vdc	42-62Vdc	10-16Vdc	20-32Vdc	42-62Vdc	10-16Vdc	20-32Vdc	42-62Vdc	20-32Vdc	42-62Vdc			
	DC Input over voltage alarm	15.5Vdc	31.0Vdc	61.0Vdc	15.5Vdc	31.0Vdc	61.0Vdc	15.5Vdc	31.0Vdc	61.0Vdc	31.0Vdc	61.0Vdc			
	DC Input over voltage shut-down	16.0Vdc	32.0Vdc	62.0Vdc	16.0Vdc	32.0Vdc	62.0Vdc	16.0Vdc	32.0Vdc	62.0Vdc	32.0Vdc	62.0Vdc			
	DC Input under voltage alarm	10.5Vdc	21.0Vdc	43.0Vdc	10.5Vdc	21.0Vdc	43.0Vdc	10.5Vdc	21.0Vdc	43.0Vdc	21.0Vdc	43.0Vdc			
	DC Input under voltage shut	10.0Vdc	20.0Vdc	42.0Vdc	10.0Vdc	20.0Vdc	42.0Vdc	10.0Vdc	21.0Vdc	42.0Vdc	21.0Vdc	42.0Vdc			
	Input protection	Undervoltage, Overvoltage, Reverse connection													
Others	Communication interface	RS485													
	Panel display	LCD													
	Operating temperature range	-20℃ to 50℃													
	Storage temperature range	-20℃ to 60℃													
	Cooling	Loading and temperature controlled cooling fan													
	Inverter dimensions (L*W*H)	260*159*60mm			298*159*60mm			266*199*71mm			368*199*71mm				
	Inverter weight	1.75kgs			2.1kgs			2.5kgs			3.4kgs				
	Shipping dimensions (L*W*H)	350*206*91mm (1pcs/carton)			350*206*91mm (1pcs/carton)			425*250*135mm (1pcs/carton)			425*250*135mm (1pcs/carton)				
	Shipping weight	2.1kgs			2.45kgs			2.9kgs			3.85kgs				
	Standard warranty	2 years													
LCD Display (optional)															

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