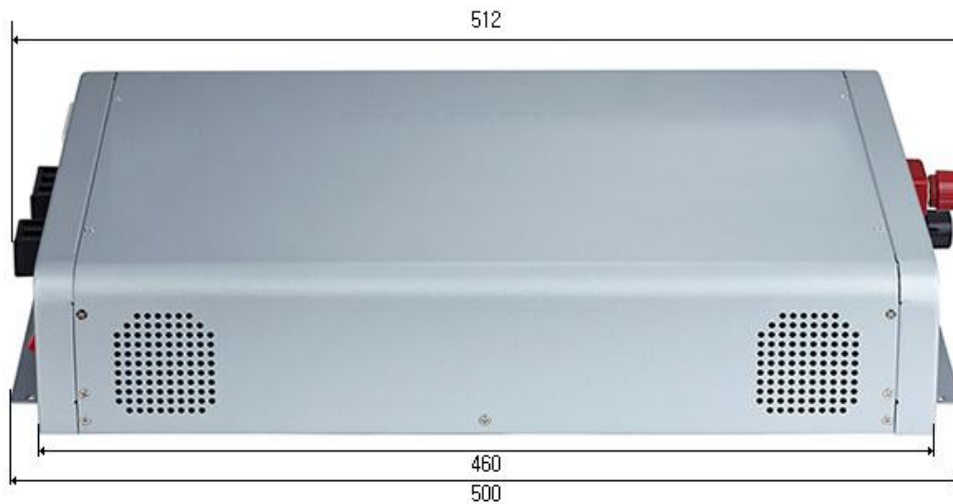
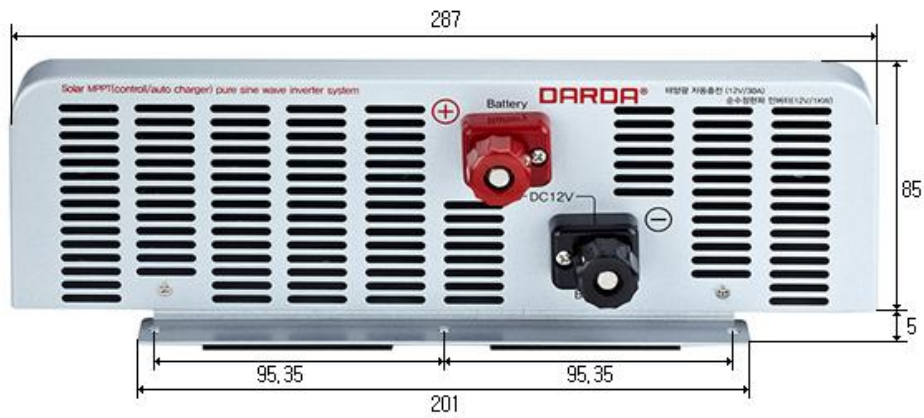


Pure Sine Wave



Outer size and Specifications



▪ DKS SERIES (2KW) KC EMC Class (Solar MPPT digital system inverter)

PARAMETER		DKS200012	DKS200024	DKS200048	
		2000W			
INVERTER	1 DC Input Voltage	12V	24V	48V	
	2 DC Input Voltage standard	13.4V(10.5~17.0V)	26.8V(21.0V~30.0V)	52.8V(41.0V~60.0V)	
	3 Output voltage no load	223Vac (220V±3%)			
	4 Output power continuous	2000W (±5%)			
	5 Surge rating (Surge power)	4000W (±10%)			
	6 Efficiency at rated power	88% (±3%)	91% (±3%)	91% (±3%)	
	7 THD[max]	1000W 1.1%			
	8 No load current (fan off)	1.39A(±0.1A)	0.76A(±0.1A)	0.4A(±0.1A)	
	9 No load current (fan on)	1.84A(±0.2A)	1.01A(±0.2A)	0.6A(±0.2A)	
	10 Low battery shut down	10.2V(±0.5V)	20.1V(±1.0V)	40.2V(±1.0V)	
	11 Low battery return on power	11.2V(±0.5V)	22.7V(±0.5V)	42.5V(±0.5V)	
	12 High battery shut down	17.2V(±1.0V)	31.9V(±1.0V)	61.0V(±1.0V)	
	13 High battery return on power	15.2V(±0.5V)	29.9V(±1.0V)	59.0V(±1.0V)	
	14 Output Frequency	50hz/60hz (±0.5hz)			
	15 Requillation	2500W / 220Vac			
	16 Over temperature protection	-25°C ~ 74°C (78°C±5°C)			
	17 Over temperature power on	58°C (60°C±5°C)			
	18 Output wave form	Pure sine wave (D.S.P)			
	19 Cooling fan(auto fan)	Fan on 40°C (±5°C)			
	20 FCC EMC	FCC class			
	21 KC EMC	KC class			
	22 Products blocking noise control	OK (pass) auto circuit/Included			
	23 Input fuse	40A(6EA)	40A(3EA)30A(1EA)	30A(2EA)	
	24 Output Sensor	20A CT(Ts-7W)			
	25 Output circuit breaker	10A (SS-001)			
Solar MPPT Charger	Input	1 System(battery)voltage	12V	24V	48V
		2 Maximum input Voltage (solar input)	50V(±3%)	75V(±3%)	150V(±3%)
		3 Normal input power	432W(±15W)	864W(±15W)	864W(±15W)
		4 no load loss	30mA		
		5 Solar panel input over voltage protection	50V(±3%)	75V(±3%)	150V(±3%)
		6 Solar panel reverse Disconnection	○		
	Charging	7 Maximum Charging current	30A(±3A)		15A(±3A)
		8 Charging System	Auto		
		9 Float Charging Voltage	13.2V(25°C)(±3%)	26.4V(25°C)(±3%)	52.8V(25°C)(±3%)
		10 Equalization Charging Voltage	14.4V(25°C)(±3%)	28.8V(25°C)(±3%)	57.6V(25°C)(±3%)
		11 LED lamp function	refer to the bottom sepearately		
		12 Temperature compensation charging voltage	-4mv/cell/°C		
		13 Working temperature	-25°C ~ 74°C (78°C±5°C)		
		14 Battery	12V	24V	48V
14 Dimensions(mm)/Weight(kg)	287×85×460(11.3×3.35×18.1) / 7.6kg(16.75 lb)				



فروشگاه اروین سولار

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همت بلند ۰۲۱-۳۳۹۹۹۰۷۲

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