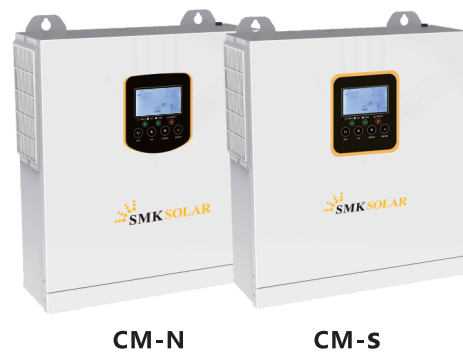
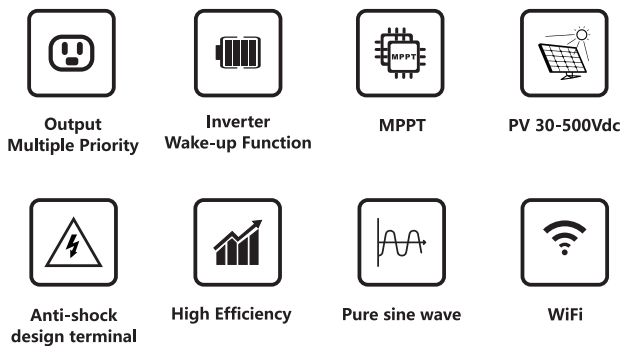


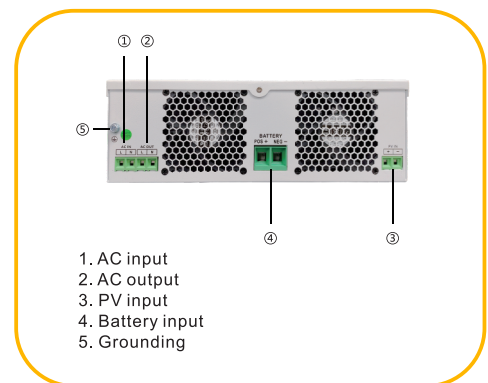
OFF GRID HYBRID INVERTER

CM Series 1.5 / 2.5 / 3.5KW PV 30-500Vdc



Product Features

- **Battery Wake-up Function**
- **Pure Sine Wave**
- **PV Input 500Vdc Max**
- **Built-in MPPT 60A-100A**
- **Detachable dust cover for harsh environment**
- **Wifi remote monitoring optional**
- **Support multiple output priority: UTL,SOL,SBU,SUB**
- **EQ function to optimize battery performance and extend lifecycle**



Technical Data

MODEL	CM1500-12S	CM1500-12N	CM2500-12S	CM2500-12N	CM2500-24S	CM2500-24N	CM3500-24S	CM3500-24N
Capacity	1500VA/1500W		2500VA/2500W		2500VA/2500W		3500VA/3500W	
Parallel Capability	NO		NO		NO		NO	
Lithium Battery Activation	YES(By PV)	NO	YES(By PV)	NO	YES(By PV)	NO	YES(By PV)	NO
Lithium battery Communication	NO		NO		NO		NO	
INPUT								
Nominal Voltage	230VAC							
Acceptable Voltage Range	170~280VAC(For personal Computer);90~280VAC(For Home Appliances)							
Frequency	50/60 Hz (Auto sensing)							
OUTPUT								
Nominal Voltage	220/230VAC±5%							
Rated Power	1500VA/1500W		2500VA/2500W		2500VA/2500W		3500VA/3500W	
Battery Mode Power	1200VA/1200W		2500VA/2500W		2500VA/2500W		3000VA/3000W	
Surge Power	3000VA		5000VA		5000VA		7000VA	
Frequency	50/60 Hz							
Waveform	Pure Sine wave							
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)							
Peak Efficiency (PV to INV)	96%							
Peak Efficiency (Battery to INV)	93%							
Overload Protection	5s@ > =140% load; 10s@100%~140% load							
Crest Factor	3:1							
Admissible Power Factor	0.6~1 (inductive or capacitive)							
BATTERY								
Battery Voltage	12Vdc				24Vdc			
Floating Charge Voltage	13.5Vdc				27Vdc			
OverCharge Protection	16.5Vdc				32Vdc			
Charging Method	CC/CV							
SOLAR CHARGER & AC CHARGER								
Solar Charger TYPE	MPPT							
Max.PV Array Power	2000W		2500W		3000W		4000W	
Max. PV Array Open Circuit Voltage	500VDC							
PV Array MPPT Voltage Range	30VDC~500VDC							
Max. Solar Input Current	15A							
Max. Solar Charge Current	100A		120A		100A		100A	
Max. AC Charge Current	60A		120A		60A		60A	
Max. Charge Current(AC+PV)	100A		120A		100A		100A	
PHYSICAL								
Dimensions, D x W x H(mm)	334x293x98.5							
Package Dimensions, D x W x H(mm)	402x368x174							
Net Weight (Kgs)	4.0		4.4		4.4		4.4	
Gross weight(Kgs)	4.9		5.25		5.25		5.25	
Communication Interface	RJ45 For WiFi							
ENVIRONMENT								
Operating Temperature Range	-10°C to 55°C							
Storage temperature	-15°C~ 60°C							
Humidity	5% to 95% Relative Humidity (Non-condensing)							
Ingress Protection	IP21							

*Product specifications are subject to change without further notice.

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