



SUN-TEC INVERTER
- the economical upgrade!

" Harness the strength of Solar energy,
with 24V batteries and dual AC Output
on 4 kW rated inverter
- the economical upgrade!

HM series 4 kW

With **24V** Batteries
Dual Output

One Year Warranty



SUN-TEC INVERTER
- the economical upgrade!



Max PV input current 27A
Designed with 27A PV input current compatible to the market trend of increased Imp of solar panel



Interface
Global cloud platform mobile APP anytime and anywhere open APP, support power internet applications



OFF-Grid and ON-Grid
REVO HM series is suitable for on-grid and off-grid applications



Battery 12Vx2 (lead Acid)
Battery equalization function extend life cycle
Reserved communication port (RS485, CAN) for BMS



Dual Output
Two outputs for smart load management
The second output can be scheduled on & off based on setting point of battery transfer to utility



Protect
Built-in anti-dust kit for harsh environment
AC overcurrent, AC overvoltage, over temperature protection

● With battery connected

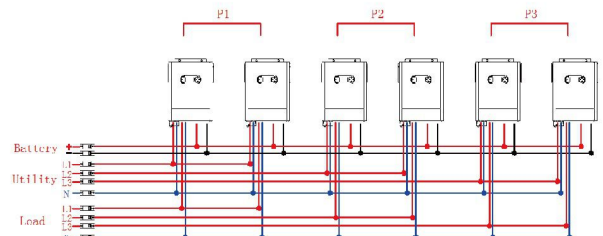
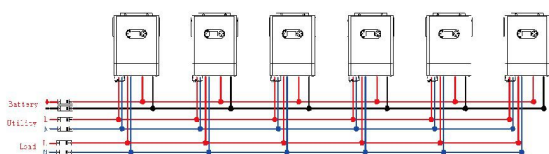


● Without battery connected



● Single phase output up to 36KW using 6 units

● Three phase output using either 3 units(18kw) or max 6 units(36kw)



Marketed by **Indus Clean Energy Pvt Ltd.**

complaints@suntec-inverter.com | sales@suntec-inverter.com

Warranty Center Karachi Tel: 021-34394311 Rawalpindi Tel: 051-2000650

Technical Specification

HM series

Rated Power	4000VA/4000W	
AC INPUT		
AC Voltage	230VAC	
Voltage Range	170-280VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50/60Hz (Auto sensing)	
AC OUTPUT		
Surge Power	8000VA	
AC Voltage Regulation (Battery Mode)	230VAC \pm 5%	
Rated frequency	50/60Hz	
Efficiency (Peak)	93%	
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)	
BATTERY		
Battery Voltage	24VDC	
Floating Charge Voltage	27VDC	
Overcharge Protection	33VDC	
Battery type	Lithium/Lead-acid	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Voltage(V)	500VDC	
Maximum PV Array Power	5000W	
MPPT voltage range(V)	60~450VDC	
Maximum input current	27A	
MPPT tracker/strings	1	
Maximum solar charge current	120A	
Maximum AC charge current	100A	
Maximum charge current	120A	
PROTECTION & FEATURE		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
On Grid	Yes	
Parallel Function	Yes (optional)	
GENERAL PARAMETERS		
Operation temperature	-10°C ~ 50°C	
Relative humidity	5% ~ 95% (Non-condensing)	
Altitude	(2000m Derating)	
Dimensions DxWxH(mm)	466*313*136.5	
Net Weight(KG)	8.5	
DISPLAY AND COMMUNICATION		
Display	Touch buttons	
Interface	Standard:RS232,USB; CAN&RS485; Optional:WiFi,Bluetooth	
Safety standard / IEC	EN/IEC62109-1,EN/IEC62109-2	

Indus Clean Energy Pvt Ltd.