

220-240V OFF-GRID
SOLAR INVERTER

U-GK

U-MS



3.6K, 5.6K

5.6K

MINIMALISTIC



4.3" LCD +
RGB LIGHTS



BATTERY
OPTIONAL¹



LITHIUM BMS
SUPPORT



BUILT-IN WIFI
TRANSMITTER



PARALLEL
CAPABLE²



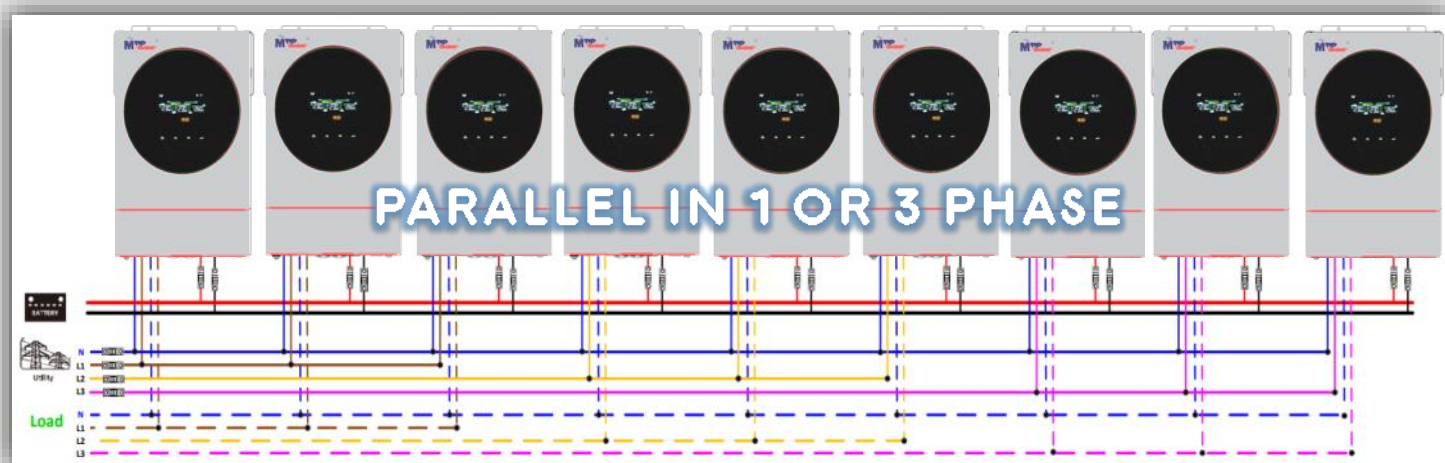
INTERNAL
DATALOGGER



ANTI-DUST
SHIELD KIT

1. Only applies to single unit mode. Parallel setup will require battery.
2. On U-MS models only. Parallel kits required and sold separately.

220-240V OFF-GRID SOLAR INVERTER



U-GK /U-MS SERIES

U 3624GK

U 5648GK

U 5648MS

ELECTRICAL SPECIFICATION

Continuous Output	3600W	5600W	5600W
Parallel Ready	No	No	Up to 9 units
Input/Output Frequency		50Hz / 60Hz	
Output Voltage		230VAC±5%	
Output Waveform		Pure Sine Wave	
Transfer Time		10 (UPS) / 20ms (Appliance)	
Peak Efficiency	93% (Inverter) / 95% (Line)	90% (Inverter) / 95% (Line)	
Nominal DC Voltage	24V	48V	48V
Max Charging Voltage	31.5V	61V	64V
Max DC Input	33V	63V	66V
Charging Mode		3-stage	
Max AC Charging	100A		120A
Max System Charging (Solar+AC)	120A		120A

SOLAR CHARGER SPECIFICATION

Charging Algorithm		MPPT	
Max PV Array	4000W	6000W	6000W
Max Solar Charging	120A		120A
Max PV Input Voc	500VDC		450VDC
MPPT Range	150 - 450VDC		120 - 430VDC
PV Input	1		1

ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Certification		CE	
Communication Interface		USB, RS232, RS485, WIFI, Dry Contact	
Operating/Storage Temp.		-10°C ~ 50°C / -15°C~ 60°C	
Operating Humidity		5~95%RH Non-Condensing	
Dimension	423*314*120mm		470*295*140mm
Net Weight	10KG	12KG	12KG

*Product specifications are subject to change without further notice.