

# SOLAR HYBRID INVERTER

NOTE: WE OFFER CUSTOM SOLUTIONS TO MEET YOUR UNIQUE REQUIREMENTS



**MARS**  
Energy & Mobility

5.5KW 48V



MODEL	:	GA5548CSMHGW
PROTECTION DEGREE	:	IP 21
CAPACITY	:	5500VA/5500W
PV & DC /AC	:	6500VA/6500W
OPERATING TEMPERATURE RANGE	:	10~50 °C
SOLAR MODE	:	
SOLAR PANEL POWER	:	8500W
MAX.CHARGING CURRENT	:	120AMP
MAX INPUT CURRENT	:	36AMP
NOMINAL INPUT CURRENT	:	27AMP
SOLAR VOLTAGE RANGE(VMP)	:	60-500VDC
FULL LOAD MPPT RANGE	:	360-430VDC
MAX. SOLAR VOLTAGE	:	500VDC
INVERTER MODE	:	
BATTERY VOLTAGE RANGE	:	42-64VDC
MAX. BATTERY DISCHARGING CURRENT	:	127.34
AC OUTPUT	:	230 VAC, 50/60HZ, 23.9A ,1 $\phi$
AC INPUT	:	
AC CHARGER	:	54VDC, 100A
AC INPUT	:	230 VAC, 50/60HZ, 40A 1 $\phi$
AC OUTPUT	:	230 VAC, 50/60HZ, 23.9A, $\Phi$
FULL LOAD	:	5500W