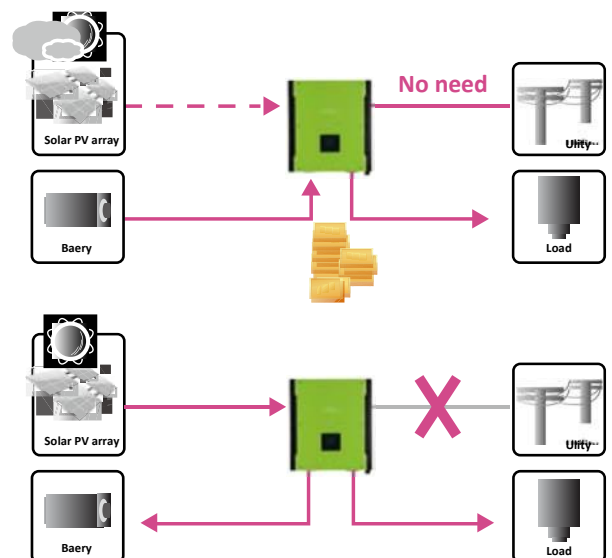
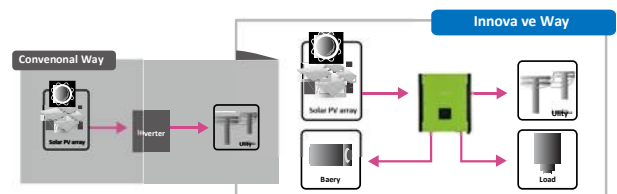


10KWTRIPHASE INVERTER

TT-PLUS10K/MPPT



MODEL	TOMMA-10K MPPT
PHASE	3-phase n / 3-phase out
MAXIMUM PV INPUT POWER	14850 W
RATED OUTPUT POWER	10000 W
MAXIMUM CHARGING POWER	9600 W
GRID-TIE OPERATION	
PV INPUT (DC)	
Nomnal DC Voltage / Maxmum DC Voltage	720 VDC / 900 VDC
Start-up Voltage / Intal Feeding Voltage	320 VDC / 350 VDC
MPP Voltage Range	400 VDC ~ 800 VDC
Number of MPP Trackers / Max mum Input Current	2 / 2 x 18.6A
GRID OUTPUT (AC)	
Nomnal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Output Voltage Range	184 - 265 VAC* per phase
Nomnal Output Current	14.5A per phase
Power Factor	> 0.99
EFFICIENCY	
Maximum Converson Efficiency (DC/AC)	96%
European Efficiency@ Vnomnal	95%
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120 - 140 VAC per phase / 180 VAC per phase
Acceptable Input Voltage Range	170 - 280 VAC per phase
Maximum AC Input Current	40 A
PV INPUT (DC)	
Maximum DC Voltage	900 VDC
MPP Voltage Range	400 VDC ~ 800 VDC
Number of MPP Trackers/Max mum Input Current	2 / 2 x 18.6A
BATTERY MODE OUTPUT (AC)	
Nomnal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Output Waveform	Pure Snewave
Efficiency (DC to AC)	91%
HYBRID OPERATION	
PV INPUT (DC)	
Nomnal DC Voltage / Maxmum DC Voltage	720 VDC / 900 VDC
Start-up Voltage / Intal Feeding Voltage	320 VDC / 350 VDC
MPP Voltage Range	400 VDC ~ 800 VDC
Number of MPP Trackers/Max mum Input Current	2 / 2 x 18.6A
GRID OUTPUT (AC)	
Nomnal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Output Voltage Range	184 - 264.5 VAC* per phase
Nomnal Output Current	14.5 A per phase
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC per phase / 180 VAC per phase
Acceptable Input Voltage Range	170 - 280 VAC per phase
Maximum AC Input Current	40 A
BATTERY MODE OUTPUT (AC)	
Nomnal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Efficiency (DC to AC)	91%
BATTERY & CHARGER	
Nomnal DC Voltage	48 VDC
Maximum Charging Current	Default 60A, 10A - 200A (Adjustable)
GENERAL	
PHYSICAL	
Dmenson, D x W x H (mm)	167.5 x 500 x 622
Net Weght (kgs)	45
INTERFACE	
Communcation Port	RS-232/USB
Intelligent Slot	Optional SNMP, Modbus and AS-400 cards available
ENVIRONMENT	
Humdty	0 ~ 90% RH (Non-Condensng)
Operating Temperature	-10 to 55°C
Altitude	0 ~ 1000 m**

*These figures may vary depending on dfferent AC voltage and country requirements.

**Power derating 1% every 100 m when altitude s over 1000m.

Product specifications are subject to change without further notice.