

Item	Tracer 1210AN	Tracer 2210AN	Tracer 3210AN	Tracer 4210AN
System nominal voltage	12V/24VDC Auto			
Rated charge current	10A	20A	30A	40A
Rated discharge current	10A	20A	30A	40A
Battery voltage range	8~32V			
Max. PV open circuit voltage	92V			
MPP voltage range	(Battery voltage +2V)~72V			
Max. PV input power	130W/12V	260W/12V	390W/12V	520W/12V
	260W/24V	520W/24V	780W/24V	1040W/24V
Self-consumption	<=12mA			
Discharge circuit voltage drop	<=0.23V			
Temperature compensate coefficient	-3mV/°C/2V (Default)			
Grounding	Common negative			
RS485 interface	5VDC/100mA			
LCD backlight time	60S (Default)			
<b>Environmental Parameters</b>				
Working environment temperature	-25°C~+50°C(100% input and output)			
Storage temperature range	-20°C~+70°C			
Relative humidity	<=95%, N.C.			
Enclosure	IP30			
Dimension	172x139 x 44mm	220x154x 52mm	228x164x55mm	252x180x63mm
Mounting dimension	130x130mm	170x145mm	170x164mm	210x171mm
Terminal	12AWG(4mm 2 )	6AWG(16mm 2 )	6AWG(16mm 2 )	6AWG(16mm 2 )
Recommended cable	12AWG(4mm 2 )	10AWG(6mm 2 )	8AWG(10mm 2 )	6AWG(16mm 2 )
Weight	0.57kg	0.94kg	1.26kg	1.65kg