

**Technical Specifications**

<b>Model</b>	<b>Tracer1215BN</b>	<b>Tracer2215BN</b>	<b>Tracer3215BN</b>	<b>Tracer4215BN</b>
Nominal system voltage	12/24Vauto work			
Rated battery current	10A	20A	30A	40A
Rated load current	10A	20A	30A	40A
Max. PV open circuit voltage	150V at minimum operating environment temperature 138V at 25°Cenvironment temperature			
MPP Voltage range	Battery voltage+2V~108V			
Max. PV input power	130W (12V)	260W (12V)	390W (12V)	520W (12V)
Max. PV input power	260W (24V)	520W (24V)	780W (24V)	1040W (24V)
Equalize charging voltage	Sealed: 14.6V, Flooded: 14.8V, USER: 9~17V			
Boost charging voltage	Gel: 14.2V, Sealed: 14.4V, Flooded: 14.6V, USER: 9~17V			
Float charging voltage	Gel /Sealed /Flooded: 13.8V, USER: 9~17V			
Low voltage reconnect voltage	Gel /Sealed /Flooded: 12.6V, USER: 9~17V			
Low voltage disconnect voltage	Gel /Sealed /Flooded: 11.1V, USER: 9~17V			
Self-consumption	≤60mA(12V) ≤30mA(24V)			
Grounding	Common negative			
Temp. compensation	-3mV/°C/2V			
Communication port	RS485 / RJ45 interface			

**Mechanical Specifications**

<b>Mechanical</b>	<b>Tracer1215BN</b>	<b>Tracer2215BN</b>	<b>Tracer3215BN</b>	<b>Tracer4215BN</b>
Overall dimension	196x118x36mm	217x143x56mm	281x160x60mm	303x183x64mm
Terminal	4mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
Net weight	0.9kg	1.5kg	2.3kg	2.9kg
Enclosure	IP30			

**Environmental Specifications**

<b>Working temperature</b>	<b>-35°C~+55°C</b>
Storage temperature	-35°C~+80°C
Humidity	≤95% N.C.