



Tracer Dream Series

TD2307

MPPT Solar Charge Controller

Battery Type	SEL	GEL	FLD
Over Voltage Protection	16.5V	16.5 V	16.5 V
Charging Limited	15.0 V	15.0 V	15.0 V
Over Voltage Reconnection	15.0 V	15.0 V	15.0 V
Boost	14.4 V	14.2 V	14.6 V
Float	13.8 V	13.8 V	13.8 V
Boost Restart	12.6V	12.6V	12.6V

Technical Data

Mode	TD2107	TD2207	TD2307
System Voltage	12V/24V		
PV Max Input Voltage	75V		
PV Max Input Power	12V 200W; 24V 400W	12V260W; 24V 520W	12V 390W; 24V 780W
Self-consumption	≤23mA		
Max Charging current	15A	20A	30A
Max Discharging current	15A	20A	30A
LVD	11.0V ADJ 9V....12V; ×2/24V		
LVR	12.6V ADJ 11V....13.5V; ×2/24V		
Float Voltage	13.8V ADJ 13V....15V; ×2/24V;		
Boost Voltage	14.4V ; ×2/24battery voltage less than 12.6v restart boost 2hours		
Battery Over Voltage Protection	16.5V ; ×2/24V		
Reverse Connection Protection	Yes		
Load Over Current Protection	Yes, each 30s auto restart again		
Controller Over Temperature Protection	Yes		
Charging Type	MPPT		
Temperature Compensation	-24 mV /°C for 12Vsystem ; ×2/24V; ×4/48V		
Working Temperature	-20°C---+55°C		
Terminals scale	10mm ²	10mm ²	16 mm ²
Waterproof grade	IP32		
Size	165×123 ×46mm	195*123*46mm	205*157*53mm
New weight	0.56KG	0.73KG	1.2KG