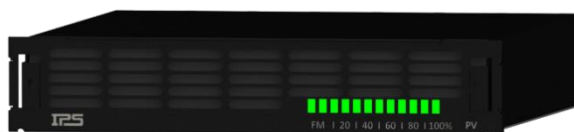


Technical data

MPPT solar charge controller SML series

Model	SML2000
Input (DC)	
Uoc voltage (min ... max)	140 V ... 450 V
Umppt voltage (min ... max)	140 V ... 450 V
Max PV power, per 1 ML module	2000 W
MPPT efficiency	Up to 99.9%
MPP tracker number, per 1 ML module	1
Output (DC)	
Voltage	48 V
Max power per 1 SML	2000 W
Nominal current @ 48V	40 A
Other specifications	
Main functions and features	Intelligent BMS for all battery types Voltage temperature compensation Fan speed regulation (current and temperature) Digital, light and sound signaling
Protections	Protection against over-voltage and disturbances at the input Protection against high temperature
Dimensions (WxHxD) mm	(222x42x245)
Operating conditions	
Ambient temperature	-40°C ... +80°C
Operating altitude	≤ 3000 m a.s.l.



MPPT solar charge controller SML2000