



SK-BMU 2500



SK-BMU5000

## SOLAX SOLAR CHARGER



The SolaX battery manager can be used with SK-TL series inverter for extending the battery capability of self use. Three options give more flexibility when build up your own energy storage system.

### TECHNICAL DATA

MODEL	SK-BMU2500	SK-BMU5000
<b>Battery Manager</b>		
Battery type	Lead-acid battery/lithium battery	
Battery nominal voltage [V]	48	
Battery voltage range [V]	40-60	
Battery capacity [Kwh] (Suggested)	10	20
Max. charging current [A]	50	100
Charging curve	3-stage adaptive with maintenance	
Over-current protection/Over-temperature protection	Yes	Yes
Communication interfacess	Can/RS232	Can/RS232
<b>Charge</b>		
Max. power [W]	2500	4600
Max. charge current [A]	50	100
<b>Discharge</b>		
Max. power [W]	2500	4600
Max. discharge current [A]	50	100
Depth of discharge	80% for lithium battery	50% for lead-acid battery (adjustable)
<b>Others</b>		
Operating temperature range [°C]	-10~+50 (derating at 40)	
Storage stability range [°C]	-20~+60	
Altitude [m]	<2000	
Cooling concept	Forced airflow	
Noise emission (typical) [dB]	<40	
Humidity [%]	0~95 (non-condensing)	
Protection class	IP20 (for indoor use)	
EMC standard	IEC61000-6-1/2/3/4	
Warranty	5 year	
Dimensions (W / H / D) [mm]	289 x 595 x 167	460 x 595 x 167
Weight [kg]	15.7	19
Certificate	Germany, Australia,Belgium, Netherlands, Danmark, Austria, UK,Italy	
Battery reverse polarity protection	Yes	
Battery anti-shock design	Yes	

For more information

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