

# Product Selection Guide



340Wp



400Wp



400Wp @24V



450Wp



800Wp @24V



	SB2512i-HV   SB2512iX-HV	SB3000i	SB1524iX	SC30   SC30-LVD	SB3024iL   SB3024DiL
Battery Voltage	12V	12V	12-24V	12V	12-24V
Max PV Voc	40V	40V	45.6V	24V	45.6V
Max PV Power (1)	340W, 36 cell PV 270W, 60 cell PV	400W, 36 cell PV 290W, 60 cell PV	270W, 36 cell PV, @12V 200W, 60-72 cell PV, @12V 400W, 72 cell PV, @24V	450W, 36 cell PV	540W, 36 cell PV, @12V 400W, 60-72 cell PV, @12V 800W, 72 cell PV, @24V
Max Charge Current (1)	25A 36 cell PV 20A 60 cell PV	30A 36 cell PV 22A 60 cell PV	20A 36 cell PV 15A >60 cell PV	30A	40A 36 cell PV 30A >60 cell PV
Technology	MPPT	MPPT	MPPT	PWM	MPPT
Charge Algorithm	3-Stage   3-Stage +Equalization	3-Stage + Equalization	3-Stage + Equalization	3-Stage + Equalization	3-Stage + Equalization
Max Output Load Current	25A	20A	20A@12V / 15A@24V	⊗	20A
Display	⊗	✓	⊗	✓	⊗   ✓
Remote Display	✓	✓	✓	⊗	✓
IPN Network	⊗   ✓	✓	✓	⊗	✓
Load Control	⊗   ✓	✓	✓	⊗   50mA drive	✓
Applications					

Features

(1) Bulletin 100214 - How to pick solar panels for my Solar Boost



# Product Selection Guide



	IPN Remote	IPN ProRemote	UCM	CMB4070	Wall Mounting Box (720-0011-01)
Communication	RJ-11 standards 4-pin telephone swap cable	RJ-11 standards 4-pin telephone swap cable	Ethernet, RS485		
Setting Load Control	✗	✓	✓		
Display	✓	✓	✗		
Data Logging	✗	✗	✓		
SB2512i-HV	✓	✓	✓	✗	✗
SB2512iX-HV	✓	✓	✓	✓	✗
SB1524iX	✓	✓	✓	✓	✗
SB3024iL(DiL)	✓	✓	✓	✓	✗
SB3000i	✓	✓	✓	✓	✓
SC30(LVD)	✗	✗	✗	✗	✓

