PROFLEX®
New Energy driving future power

SOLAR SYSTEM
PR-SHS2000 Series

Design Backup Time 5-6Hrs

	Item	PR-SHS2000
Solar Module	Maximum power at STC(pm)	1200W Solar Panel (8pcs 150W, 4pcs series, 2strings parallel)
	Max. system charging voltage	72V
	Max. system charging current	16.66A
PRNZ-C Inverter & Solar Controller	Inverter Type	Pure sine wave with utility charger
	Inverter output power	2000VA (1600W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	48V
	Controller discharge current	40A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	48V
	Capacity	4pcs 12V 200Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	0.53CBM / 123.2KGS
	Control box	0.054CBM / 30KGS
	Battery	0.16CBM / 245KGS
	Whole System	0.744CBM / 398.2KGS





Daily use reference

Name of Load	Power	Working Hours	Consumption
TV	2X120W	6hours	1440Wh
COMPUTER	2X100W	4hours	800Wh
LIGHTING	100W	6hours	600Wh
FAN	2X80W	12hours	1920Wh
FRIDGE	120W	24hours	1440Wh
WASHING MACHINE	300W	1hours	300Wh
WATER PUMP	300W	2hours	600Wh
TOTAL	1420W		7100Wh



Applicable scope



