PROFLEX®
New Energy driving future power

SOLAR SYSTEM

PR-SHS1000 Series

Design Backup Time 5-6Hrs

	Item	PR-SHS1000
Solar Module	Maximum power at STC(pm)	500W Solar Panel (4pcs 125W, 2pcs series, 2strings parallel)
	Max. system charging voltage	34.8V
	Max. system charging current	14.38A
PRNZ-C Inverter & Solar Controller	Inverter Type	Pure sine wave with utility charger
	Inverter output power	1000VA (800W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	24V
	Controller discharge current	30A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	24V
	Capacity	2pcs 12V 200Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	0.25CBM / 60KGS
	Control box	0.054CBM / 16KGS
	Battery	0.08CBM / 122KGS
	Whole System	0.384CBM / 198KGS





Daily use reference

Name of Load	Power	Working Hours	Consumption
TV	80W	6hours	480Wh
COMPUTER	100W	4hours	400Wh
LIGHTING	40W	6hours	240Wh
FAN	2X50W	6hours	600Wh
FRIDGE	80W	24hours	960Wh
WASHING MACHINE	300W	1hours	300Wh
TOTAL	700W		2980Wh



Applicable scope













