PROFLEX®
New Energy driving future power

SOLAR SYSTEM
PR-SHS4000 Series

Design Backup Time 5-6Hrs

Item		PR-SHS4000
Solar Module	Maximum power at STC(pm)	3000W Solar Panel (20pcs x 150W, 2pcs series, 10strings parallel)
	Max. system charging voltage	72V
	Max. system charging current	41.65A
PRNZ-C Inverter & Solar Controller	Inverter Type	Pure sine wave with utility charger
	Inverter output power	4000VA (3200W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	48V
	Controller discharge current	80A(2pcs 40A)
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	48V
	Capacity	8pcs 12V 200Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	solar panel	1.75CBM / 328KGS
	Control box	0.14CBM / 45KGS
	Battery	0.32CBM / 490KGS
	Whole System	2.21CBM / 863KGS





Daily use reference

Name of Load	Power	Working Hours	Consumption
TV	2X120W	8hours	1920Wh
COMPUTER	2X150W	4hours	1200Wh
LIGHTING	150W	8hours	1200Wh
FAN	3X80W	12hours	2880Wh
FRIDGE	120W	24hours	1440Wh
WASHING MACHINE	300W	1hours	300Wh
WATER PUMP	500W	2hours	1000Wh
HAIR DRIER	500W	0.5hours	250Wh
AIR CONDITIONER	1HP (750W)	6hours	4500Wh
TOTAL	3100W		14690Wh





Applicable scope















