PROFLEX®
New Energy driving future power

SOLAR SYSTEM

PR-SHS3000 Series

Design Backup Time 5-6Hrs





	Item	PR-SHS3000
Solar Module	Maximum power at STC(pm)	2000W Solar Panel (Polycrystalline) (16pcs x 125W, 4pcs series, 4strings parallel)
	Max. system charging voltage	69.6V
	Max. system charging current	28.76A
PRNZ-C Inverter & Solar Controller	Inverter Type	Pure sine wave with utility charger
	Inverter output power	3000VA(2400W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	48V
	Controller discharge current	60A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	48V
	Capacity	4pcs 12V 260Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	0.48CBM / 224KGS
	Control box	0.054CBM / 33KGS
	Battery	0.2CBM / 300KGS
	Whole System	0.734CBM / 557KGS

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
TOTAL	2350W		10190Wh

Applicable scope










